

**ALMOND ORCHARD ESTABLISHMENT COSTS**  
Kern County 1982

Practices are representative of flood irrigation on the Valley floor. Costs are for a 24' x 24' planting with 75 trees per acre. Based on labor costs of \$6.25 and \$5.25 per hour total costs to the grower. Medium wheel tractor per hour cash costs \$9.86, depreciation \$2.10 and interest \$1.70.

	Costs per acre			
	1st Year	2nd Year	3rd Year	4th Year
Yield in nut meats: lbs. per acre				\$ 450.00
<b>Pre-Harvest Cash Costs:</b>				
Land preparation	\$ 76.00			
Level	118.00			
Trees: 75 @ \$3.45	259.00			
Lay out field, plant, prune: 75 @ 95¢	71.00			
Replants: 2 @ \$4.00		\$ 8.00		
Tying		8.00	\$ 25.00	
Irrigation preparation	7.00	7.00	28.00	\$ 10.00
Fertilize: materials & application	12.00	20.00	27.00	43.00
Water: \$50.00/ac. ft.	50.00	100.00	150.00	200.00
Irrigation labor	21.00	21.00	31.00	31.00
Spray materials	28.00	28.00	62.00	105.00
Spray application	10.00	10.00	30.00	50.00
Disc	24.00	24.00	24.00	
Mow centers, spray borders				73.00
Pollination service				25.00
Taxes	32.00	32.00	32.00	64.00
Misc. labor & field power	28.00	28.00	28.00	28.00
Misc. repairs	22.00	22.00	22.00	22.00
Supervision	20.00	20.00	20.00	20.00
Office & business costs	31.00	13.00	19.00	27.00
Interest on operating capital	65.00	26.00	40.00	56.00
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>\$ 874.00</b>	<b>\$ 367.00</b>	<b>\$ 538.00</b>	<b>\$ 754.00</b>
<b>Harvest Costs:</b>				
Knock, sweep, pick up, haul, hull @ 16¢/lb.				\$ 72.00
<b>TOTAL CASH COSTS</b>	<b>\$ 874.00</b>	<b>\$ 367.00</b>	<b>\$ 538.00</b>	<b>\$ 826.00</b>
<b>Depreciation</b>				
	<b>Investment per acre</b>			
Irrigation system	\$422.00	\$ 28.00	\$ 28.00	\$ 28.00
Buildings & equipment	250.00	21.00	21.00	21.00
<b>TOTAL DEPRECIATION</b>		<b>\$ 49.00</b>	<b>\$ 49.00</b>	<b>\$ 49.00</b>
<b>Interest on Investment @ 14%:</b>				
Irrigation system, ½ cost \$211.00	\$ 30.00	\$ 30.00	\$ 30.00	\$ 30.00
Buildings & equipment, ½ cost \$125.00	18.00	18.00	18.00	18.00
Land \$4500.00	630.00	630.00	630.00	630.00
Interest on accumulated costs		224.00	409.00	643.00
<b>TOTAL INT. ON INVEST.</b>	<b>\$5172.00</b>	<b>\$ 678.00</b>	<b>\$ 903.00</b>	<b>\$1087.00</b>
<b>TOTAL COST FOR THE YEAR</b>		<b>\$1601.00</b>	<b>\$1319.00</b>	<b>\$1674.00</b>
<b>CREDITS FOR NUT MEATS 90¢/lb.</b>				<b>\$ 405.00</b>
<b>NET COST FOR THE YEAR</b>		<b>\$1601.00</b>	<b>\$1319.00</b>	<b>\$1791.00</b>
<b>ACCUMULATED NET COST</b>		<b>\$1601.00</b>	<b>\$2920.00</b>	<b>\$4595.00</b>

Mario Viveros, Farm Advisor

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Cooperative Extension work in Agriculture and Home Economics, U. S. Department of Agriculture, University of California, County of Kern Cooperating

ALMOND PRODUCTION COSTS  
Kern County 1982

Based on yield of 2200 lbs. (meats) per acre. Costs are for a 24' x 24' planting with 75 trees/acre. Labor @ \$5.25 per hour unskilled and \$6.25 per hour skilled total cost to the grower.

	Total Costs	
	Per Acre	Per lb. (meats)
<b>Pre-Harvest Costs:</b>		
Pruning: 75 @ 65¢	\$ 49.00	
Brush disposal	15.00	
Fertilizer: 225 lbs. N/ac. @ 32¢ + \$5 application	72.00	
Spray 6X: materials and application	196.00	
Irrigation & frost protection: 4.5 ac. ft. @ \$50	225.00	
labor: 6 hr.	32.00	
Weed control: strip spray 2X, materials & application	47.00	
Flail mow 8X	37.00	
Pollination service: 2½ hives @ \$25	63.00	
Taxes	64.00	
Misc. labor & field power (includes replanting)	22.00	
Misc. repairs	20.00	
Supervision	20.00	
Office & business costs	45.00	
Interest on operating capital @ 16%	94.00	
<b>TOTAL PRE-HARVEST COSTS</b>	<b>\$1001.00</b>	<b>\$ .46</b>
<b>Harvesting Costs:</b>		
Shake: pole, sweep, pickup	\$ 170.00	
Hulling: 4½¢ /lb. meat basis	99.00	
<b>TOTAL HARVESTING COSTS</b>	<b>\$ 269.00</b>	<b>\$ .12</b>
<b>TOTAL CASH COSTS</b>	<b>\$1270.00</b>	<b>\$ .58</b>
<b>Depreciation:</b>		
Irrigation system, \$422, 15 years	\$ 28.00	
Buildings & equipment, \$250, 12 years	21.00	
Trees, \$6384, 20 years	320.00	
<b>TOTAL DEPRECIATION</b>	<b>\$ 369.00</b>	<b>\$ .17</b>
<b>Interest on Investment @ 14%:</b>		
Irrigation system, \$211	\$ 30.00	
Buildings & equipment, \$125	18.00	
Trees, \$3192	447.00	
Land, \$4500/acre	630.00	
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$1125.00</b>	<b>\$ .51</b>
<b>TOTAL COST OF PRODUCTION</b>	<b>\$2764.00</b>	<b>\$ 1.26</b>

Sample Costs at Varying Yields

Yield: Pounds/ac. meats	1200	1400	1600	1800	2000	2200	2400
Cash Costs/lb. meats	\$1.02	\$ .88	\$ .78	\$ .70	\$ .63	\$ .58	\$ .51
Total Costs/lb. meats	2.26	1.95	1.71	1.52	1.37	1.26	1.17

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