

S. J. Val

ALMOND PRODUCTION COSTS FOR A MATURE ORCHARD
Cost Analysis Work Sheet - 1982

Practices are representative of flood irrigation on the valley floor. Costs are for a mature orchard with 75 trees per acre and a yield of 1500 lbs. of nut meats. Total labor costs per hour are \$5.75 and \$6.50. Medium wheel tractor per hour cash costs \$8.10, depreciation \$2.25, and interest \$1.80.

	Sample Costs		My Costs	
	Per acre	Per Cwt. nut meats	Per acre	Per Cwt. nut meats
Pre-Harvest Costs:				
Pruning: 10 hrs. labor (skilled)	\$ 65.			
Brush disposal: 2 hrs. labor, 1 tractor hr.	20.			
Fertilizer: 175 lbs. N @ 33¢/lb. + \$6 application	63.			
Spray: materials and application 4 times 1600 gallons	113.			
Water: 3½ ac. ft. @ \$14 + \$6 district tax	55.			
Irrigation labor: 5 hrs.	29.			
Weed control: mow centers and spray borders: includes 2½ hrs. labor and tractor	56.			
Bees: 2 hives @ \$20	40.			
Taxes	104.			
Misc. labor, materials, field power	32.			
Repairs, except tractor	20.			
Supervision	35.			
Operating loan	67.			
Office and business costs	66.			
TOTAL PRE-HARVEST COSTS	\$ 765.	\$ 51.		
Harvesting Costs:				
Shake, sweep, pick-up and haul \$130/acre	\$ 130.			
Hulling: 3¢/lb. in-shell weight	65.			
TOTAL HARVESTING COSTS	\$ 195.	\$ 13.		
TOTAL CASH COSTS	\$ 960.	\$ 64.		
Depreciation:				
Irrigation system: \$400 cost, 12 yrs.	\$ 33.			
Bldgs. and equip.: \$200 cost, 12 yrs.	17.			
Tractor: \$2.25 per hour	10.			
Trees: \$5947, 20 yrs.	297.			
TOTAL DEPRECIATION	\$ 357.	\$ 24.		
Interest on Investment at 15%:				
Irrigation system, ½ cost \$200	\$ 30.			
Bldgs. and equip., ½ cost \$100	15.			
Tractor: \$1.80/hr.	8.			
Trees: ½ cost \$2974	446.			
Land: \$4000	600.			
TOTAL INTEREST ON INVESTMENT	\$1099.	\$ 73.		
TOTAL COST OF PRODUCTION	\$2416.	\$161.		

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SAMPLE COSTS AT VARYING YIELDS

YIELD: lbs/acre	500	800	1100	1400	1700	2000	2300	2600
nut meats								
Cash Costs/Cwt. nut meats	\$183.40	\$116.25	\$ 85.73	\$ 68.29	\$ 57.00	\$ 49.10	\$ 43.26	\$ 38.77
Total Costs/Cwt. nut meats	\$474.60	\$298.25	\$218.09	\$172.29	\$142.65	\$121.90	\$106.57	\$ 94.77