

WALNUTS

Costs are for a 10 yr. old orchard with 45 trees per acre and a yield of 3500 pounds of dry nuts per acre. Based on labor \$34.10 and \$5.30 per hour costs to the grower. Medium wheel tractor per hour cash costs \$3.90; depreciation \$2.10, and interest \$1.20.

	Sample Costs		My Costs	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
Pre-Harvest Cash Costs:				
Pruning: 6 hrs. labor + machine @ \$16/acre	\$ 46.00			
Brush disposal: 4 hrs. labor + 1 hr. tractor	21.20			
Fertilizer: 150 pounds nitrogen @ 25c/lb. applied	37.50			
Spray application: contract 2 times 800 gallons @ 3c	24.00			
Spray material	30.00			
Tillage and harvest preparation: 7 hrs. labor + 7 hrs. tractor	62.30			
Irrigation: 7 times, 6 hrs. labor	24.60			
Water: power 3½ ac. ft. @ \$14.00/ac. ft. + district tax @ \$6	55.00			
Misc. labor: 6 hrs. labor + 1 hr. tractor	29.40			
Misc. materials	21.00			
County taxes	63.00			
Repairs, except tractor	20.00			
Office and business costs @ 8%	34.72			
TOTAL PRE-HARVEST CASH COSTS	\$ 468.72	\$13.39		
Harvest Costs:				
Shake, pick, hull, dehydrate and haul: @ \$140/ton	\$ 245.00			
TOTAL HARVEST COSTS	\$ 245.00	\$ 7.00		
TOTAL CASH COSTS	\$ 713.72	\$20.39		
Depreciation:				
Irrigation system: \$300 cost, 12 yr. life	25.00			
Buildings and equipment: \$140 cost, 12 yr. life	11.67			
Tractor: 9 hrs. @ \$2.10	18.90			
Trees: \$6586 cost, 40 yr. life	164.65			
TOTAL DEPRECIATION	\$ 220.22	\$ 6.29		
Interest on Investment @ 11%:				
Irrigation system: 1/2 cost, \$150	16.50			
Buildings and equipment: 1/2 cost, \$70	7.70			
Tractor: 9 hrs. @ \$1.20/hr.	10.80			
Trees: 1/2 cost, \$3293	362.23			
Land: @ \$3500/acre	385.00			
TOTAL INTEREST ON INVESTMENT	\$ 782.23	22.35		
TOTAL COST OF PRODUCTION	\$1716.17	\$49.03		

SAMPLE COSTS PER CWT. AT VARYING YIELDS

Yield (pounds/acre)	2000	2500	3000	3500	4000	4500
Cash costs per cwt.	\$30.44	\$25.75	\$22.62	\$20.39	\$18.72	\$17.42
Total costs per cwt.	\$80.56	\$65.85	\$56.04	\$49.03	\$43.78	\$39.69

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