

ESTIMATED COSTS TO ESTABLISH AN ALMOND ORCHARD - 1981

by

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Based on 24' x 24' Planting (75 trees/acre), Flood Irrigated in Modesto Irrigation District

YEAR	1	2	3	4	5
Planting Costs					
Backhoeing - 8 holes/hour	\$ 262.50				
Disc and float - 3 hrs. man, tractor	28.20				
Fumigation - 1 lb. MB + application	112.00				
Trees - \$2.50 each	187.50				
Layout and Planting \$.75/tree	56.25				
TOTAL PLANTING COSTS	\$ 646.45				
Cultural Costs					
Replants - 2 trees		\$ 12.00			
Prune and train		14.40	\$ 28.80	\$ 28.80	\$ 28.80
Ridge and knock banks	\$ 5.00	5.00	5.00	5.00	5.00
Fertilize - labor and material	20.00	28.00	30.00	37.00	37.00
Water - \$3.75/acre 6 times	22.50	22.50	22.50	22.50	22.50
Irrigation - 4 hours/year	16.80	16.80	16.80	16.80	16.80
Spray - materials	3.50	10.80	24.00	48.00	100.00
- application	6.80	6.80	20.00	30.00	40.00
Cultivate - 4 times	36.80	36.80	36.80	36.80	36.80
Weed Control		14.40	14.40	22.80	22.80
Pollination			25.00	25.00	50.00
Misc.	26.00	36.00	36.00	39.00	39.00
Interest on operating capital @ 12%	47.03	12.21	15.56	18.70	23.92
TOTAL CULTURAL COSTS	\$ 193.75	\$ 215.71	\$ 274.86	\$ 330.40	\$ 422.62
Harvest Costs					
Knock, rake, pick up, haul, hull				\$ 85.30	\$ 171.22
TOTAL CASH COSTS	\$ 840.20	\$ 215.71	\$ 274.86	\$ 415.70	\$ 593.84
Overhead Costs					
Misc.	\$ 85.00	\$ 22.00	\$ 25.00	\$ 38.00	\$ 50.00
Taxes	55.00	55.00	55.00	90.00	90.00
Management	25.00	25.00	25.00	25.00	25.00
Depreciation	77.00	77.00	77.00	77.00	77.00
Interest on investment	712.00	712.00	712.00	712.00	712.00
Interest on accumulated cash costs		215.00	374.00	560.00	789.00
TOTAL OVERHEAD COSTS	\$ 954.00	\$1106.00	\$1268.00	\$1502.00	\$1743.00
TOTAL COST PER ACRE	\$1794.20	\$1321.71	\$1542.86	\$1917.70	\$2336.84
CREDIT FOR NUT MEATS @ \$1.40/lb.				-450.00	-1050.00
NET COST PER ACRE	\$1794.20	\$1321.71	\$1542.86	\$1467.70	\$1286.84
ACCUMULATED NET COST	\$1794.20	\$3115.91	\$4658.77	\$6126.47	\$7413.31
Investment					
Land	\$5500.00				
Irrigation System	300.00				
Buildings & Equipment	560.00				
TOTAL INVESTMENT	\$6360.00				

Labor rates at \$4.20/hour and tractor costs at \$5.20/hour.

Yields at 300 lbs. meat/acre (4th year) and 750 lbs. meat/acre (5th year).