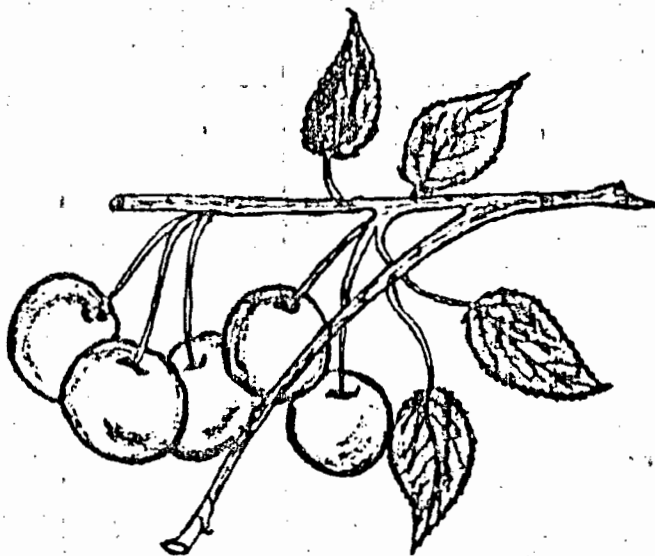


CH-VN-80

**COST OF ESTABLISHING A
CHERRY ORCHARD
in
San Joaquin County - 1980**



**UNIVERSITY OF CALIFORNIA
COOPERATIVE EXTENSION**

420 South Wilson Way
Stockton, California 95205

UC Cooperative Extension

**CHERRY ESTABLISHMENT
CAPITAL INVENTORY AND FIXED COSTS PER ACRE - 1980**

Inventory	Capital Investment	Investment per Acre	Expected Life (yrs.)	Fixed Costs per Acre		Total per Acre
				Interest	Depreciation	
Land	\$220,000.00	\$5,500.00	--	\$660.00	--	\$660.00
Irrigation system	24,000.00	600.00	20	36.00	\$ 30.00	66.00
Shop bldg. & tools	20,000.00	500.00	20	30.00	25.00	55.00
Equipment						
40-hp wheel tractor (diesel)	9,840.00	246.00	10	14.76	24.60	39.36
Pickup truck	9,000.00	225.00	5	13.50	45.00	58.50
Disc, 10'	5,400.00	135.00	10	8.10	13.50	21.60
Gopher poisoner	800.00	20.00	10	1.20	2.00	3.20
Furrower	1,200.00	30.00	10	1.80	3.00	4.80
Landplane	4,000.00	100.00	15	6.00	6.67	12.67
Sprayer (PTO)	5,000.00	125.00	10	7.50	12.50	20.00
TOTALS	\$299,240.00	\$7,481.00		\$778.86	\$162.27	\$941.13

Wallace R. Schreader
Farm Advisor
420 S. Wilson Way
Stockton, CA 95205

11/80

UC Cooperative Extension

COST OF ESTABLISHING A CHERRY ORCHARD IN SAN JOAQUIN COUNTY - November 1980

	Year						
	1	2	3	4	5	6	7
Yield (tons)					(1 ton)	(2 tons)	(4 tons)
Land preparation	\$ 70.00						
Plant	105.50						
Trees at \$2.95	318.60						
Tank irrigate	19.90						
TOTAL PLANTING COSTS	\$ 514.00						
Fertilize	--	\$ 4.60	\$ 7.10	\$ 13.15	\$ 9.50	--	--
Dormant prune & remove brush	--	21.60	21.60	37.80	42.00	\$ 33.70	\$ 33.70
Replant	--	24.85	26.40	28.15	30.15	--	--
Bee rental	--	--	--	--	20.00	20.00	20.00
Cultivate	11.68	20.80	20.80	20.80	20.80	20.80	20.80
Summer prune	--	27.00	27.00	27.00	--	--	--
Poison gophers	--	6.65	6.65	6.65	6.65	6.65	6.65
Hoe	25.80	12.60	4.20	4.20	4.20	4.20	4.20
Irrigate	42.72	42.72	46.47	47.34	49.84	64.84	74.84
Spray	20.80	43.18	26.78	26.91	44.86	51.81	61.81
TOTAL CULTURAL COSTS	\$ 101.00	\$ 204.00	\$ 187.00	\$ 212.00	\$ 228.00	\$ 202.00	\$ 222.00
HARVEST AT \$210.00/ton	--	--	--	--	\$ 210.00	\$ 433.00	\$ 852.00
Miscellaneous overhead	\$ 128.00	\$ 110.00	\$ 132.00	\$ 110.06	\$ 110.60	\$ 120.00	\$ 110.10
Taxes	25.00	25.00	25.00	25.00	25.00	30.00	30.00
Management	50.00	50.00	50.00	50.00	50.00	75.00	75.00
Depreciation	149.64	149.00	162.14	162.14	162.14	162.14	162.14
Interest	771.36	876.00	968.86	1,060.80	1,156.26	1,242.86	1,318.76
TOTAL OVERHEAD COSTS	\$1,124.00	\$1,210.00	\$1,338.00	\$1,408.00	\$1,504.00	\$1,630.00	\$1,696.00
TOTAL COST PER ACRE	\$1,739.00	\$1,414.00	\$1,525.00	\$1,620.00	\$1,942.00	\$2,265.00	\$2,770.00
NET CREDIT FOR CROP	--	--	--	--	\$ 500.00	\$1,000.00	\$2,000.00
ACCUMULATED COST	\$1,739.00	\$3,153.00	\$4,678.00	\$6,298.00	\$7,740.00	\$9,005.00	\$9,775.00

**COST OF ESTABLISHING A SWEET CHERRY ORCHARD
IN SAN JOAQUIN COUNTY**

This compilation of sample annual costs of establishing a cherry orchard in San Joaquin County is based on the following assumptions:

Labor is computed at \$5.40 per hour for skilled and \$4.20 per hour for unskilled. This includes Workman's Compensation, Social Security, Unemployment Insurance, and other benefits based on 20% of cash wages.

The planting is assumed to be 40 acres with 108 trees per acre, planted on 20-foot squares. The trees are certified nursery stock and low budded on mahaleb rootstock. The cultural practice is clean cultivation and surface irrigation.

All equipment is assumed to be new at current values. A PTO sprayer is added in the third year.

Depreciation is calculated on a straight line basis, and interest is calculated on 12% of one-half the initial value.

SUMMARY OF ACCUMULATED COSTS - DOLLARS PER ACRE

Investment	Year						
	1	2	3	4	5	6	7
Land	5,500	5,500	5,500	5,500	5,500	5,500	5,500
Trees	--	1,739	3,153	4,678	6,298	7,740	9,005
Irrigation system	600	600	600	600	600	600	600
Building and shop	500	500	500	500	500	500	500
Equipment	756	756	881	881	881	881	881
TOTAL INVESTMENT	7,356	9,095	10,634	12,159	13,779	15,221	16,486