

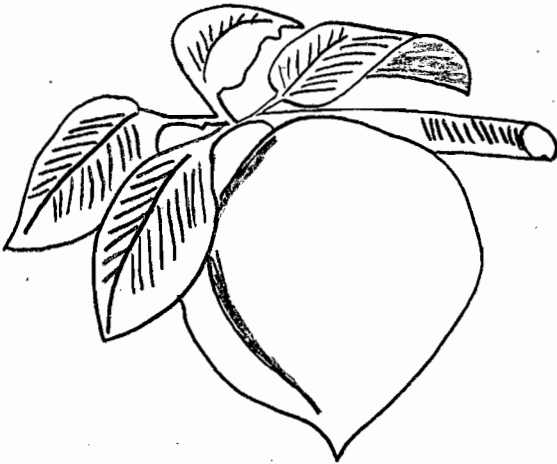
SO-VN-71

C O S T S F O R E S T A B L I S H I N G

S T O N E F R U I T O R C H A R D S

I N

M E R C E D C O U N T Y



Agricultural Extension Service
University of California
Merced County

SAMPLE COSTS TO ESTABLISH A STONE FRUIT ORCHARD IN MERCED COUNTY - 1971

Based on a planting of 108 trees per acre of a non-patented variety. Man labor \$1.90 per hour and equipment operator \$2.15. Medium wheel tractor per hour cash costs \$1.55, depreciation \$1.28 and interest 58¢.

	1st Year	2nd Year	3rd Year	4th Year
YIELD: TONS PER ACRE				
PRE-HARVEST COSTS:				
Subsoil: Contract	\$ 25.00			
Disc: 1 hr.	3.70			
Mark, stake, plant, prune: Contract 35¢ tree	37.80			
Trees: 108 at \$1.05	113.40			
Re-plant 2nd year: 2 trees at \$2.00		4.00		
Prune and train starting 2nd year		14.04	24.84	43.20
Fertilize: Hand work 3 yrs; spreader 4th yr.	6.23	8.63	12.23	15.83
Furrow out 3X	4.55	4.55	6.40	6.40
Irrigate 6X: water	5.20	5.20	5.20	5.20
Labor 6 hrs.	11.40	11.40	11.40	11.40
Disc 3X	7.40	7.40	7.40	7.40
Spray: Materials and application	6.50	11.40	23.50	33.40
Hoe	13.30	13.30	13.30	9.50
Taxes	23.75	23.75	23.75	37.15
Misc. Labor and materials, inc. 1 hr. man and tractor	6.00	6.00	6.00	6.00
Repairs to equipment, except tractor	9.00	9.00	9.00	9.00
Office, operating capital, other bus. costs	16.40	7.12	8.58	11.07
TOTAL PRE-HARVEST COSTS	\$289.63	\$125.79	\$151.60	\$195.55
HARVESTING COSTS:				
Pick and roadside				
Misc. labor and tractor work				
TOTAL HARVESTING COSTS				
TOTAL CASH COSTS	\$289.63	\$125.79	\$151.60	\$195.55
DEPRECIATION:				
Irrigation system: \$100, 25 yrs	4.00	4.00	4.00	4.00
Bldgs. and equip. except tractor \$100, 15 yrs. life	6.67	6.67	6.67	6.67
Tractor: \$1.28 per hr.	6.40	4.16	5.12	5.76
TOTAL DEPRECIATION	\$ 17.07	\$ 14.83	\$ 15.79	\$ 16.43
INTEREST ON INVESTMENT AT 7%:				
Irrigation system: 1/2 cost \$50	3.50	3.50	3.50	3.50
Bldgs. & equip. 1/2 cost \$50	3.50	3.50	3.50	3.50
Tractor: 58¢ per hr.	2.90	1.89	2.32	2.61
Land: \$1000	70.00	70.00	70.00	70.00
Interest on accumulated costs	0.00	27.06	44.32	64.70
TOTAL INTEREST ON INVESTMENT	\$ 79.90	\$105.95	\$123.64	\$144.31
TOTAL COST FOR THE YEAR	\$386.60	\$246.57	\$291.03	\$356.29
CREDIT FOR FRUIT				
NET COST FOR THE YEAR	\$386.60	\$246.57	\$291.03	\$356.29
TOTAL ACCUMULATED COSTS	\$386.60	\$633.17	\$924.20	\$1,280.49

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