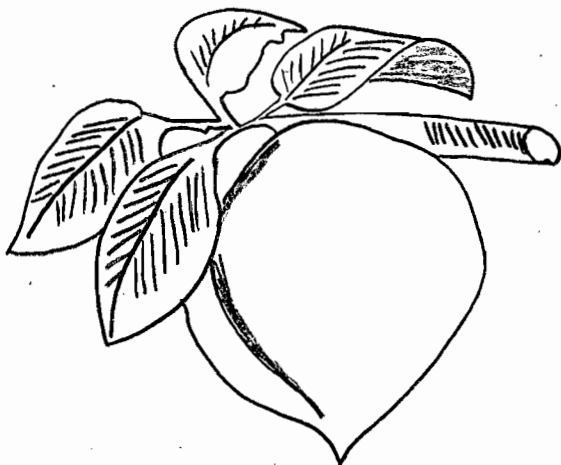


C O S T S F O R E S T A B L I S H I N G  
S T O N E F R U I T O R C H A R D S  
I N  
M E R C E D C O U N T Y



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
<b>YIELD: TONS PER ACRE</b>				
<b>PRE-HARVEST COSTS:</b>				
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
<b>TOTAL PRE-HARVEST COSTS</b>	<b>\$289.63</b>	<b>\$125.79</b>	<b>\$151.60</b>	<b>\$195.55</b>
<b>HARVESTING COSTS:</b>				
Pick and roadside				
Misc. labor and tractor work				
<b>TOTAL HARVESTING COSTS</b>				
<b>TOTAL CASH COSTS</b>	<b>\$289.63</b>	<b>\$125.79</b>	<b>\$151.60</b>	<b>\$195.55</b>
<b>DEPRECIATION:</b>				
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
<b>TOTAL DEPRECIATION</b>	<b>\$ 17.07</b>	<b>\$ 14.83</b>	<b>\$ 15.79</b>	<b>\$ 16.43</b>
<b>INTEREST ON INVESTMENT AT 7%:</b>				
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
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$ 79.90</b>	<b>\$105.95</b>	<b>\$123.64</b>	<b>\$144.31</b>
<b>TOTAL COST FOR THE YEAR</b>	<b>\$386.60</b>	<b>\$246.57</b>	<b>\$291.03</b>	<b>\$356.29</b>
<b>CREDIT FOR FRUIT</b>				
<b>NET COST FOR THE YEAR</b>	<b>\$386.60</b>	<b>\$246.57</b>	<b>\$291.03</b>	<b>\$356.29</b>
<b>TOTAL ACCUMULATED COSTS</b>	<b>\$386.60</b>	<b>\$633.17</b>	<b>\$924.20</b>	<b>\$1,280.49</b>

1971