



*Sample Costs*  
*to Establish*  
*a Vineyard of*  
**THOMPSON**  
**SEEDLESS**  
**FOR**  
**TABLE USE**

*in the San Joaquin Valley*  
**1976**

Division of Agricultural Sciences  
**UNIVERSITY OF CALIFORNIA**

SPECIAL PUBLICATION

3093

REVISED JUNE 1976

THOMPSON SEEDLESS FOR TABLE USE - Sample Costs of Establishing a Vineyard  
Cost Analysis Worksheet, 1976

Based on a 120-acre unit. Labor \$3.30 and \$4.00 per hour total. Tractor per hour cash costs \$2.60, depreciation \$1.65, interest \$ .82.

YIELD: (Tons/Acre)	Costs Per Acre		
	1st year	2nd year	3rd year
	-	-	5
<b>Pre-Harvest Cash Costs:</b>			
Fumigate: materials & application	\$ 215.00		
Pre-plant weed control: materials & application	15.00		
Land preparation: chisel, disc, float, etc.	55.00		
Rootings: 429 (+20, 2nd year) @ 22¢	94.38	\$ 4.40	
Trim and misc. planting: labor 8 hrs.	26.40		
Planting: 8¢ (+1 1/2 hrs. labor, 2nd year)	34.32	4.95	
Stakes (treated): 429, 7-foot @ 65¢		278.85	
End posts (treated): 11, 8-foot @ \$3.50		38.50	
Stake and set end posts: 10¢ stakes and \$1.00 end posts		53.90	
Wire: #13 high tensile 2nd year, 82 lbs.;			
3rd year, 246 lbs. @ 27 1/2¢/lb.		22.55	\$ 67.65
String wire and staple: one 2nd year; three, 3rd year		19.00	39.00
*Attach crossarms & braces: 32 hrs. labor			105.60
Crossarms: 3 ft. @ 19¢, braces @ 4¢			
+ staples, nails, tie wire			120.00
Train and sucker: 24 hrs. labor, 2nd year;			
7 hrs. labor, 3rd year		79.20	23.10
Prune and tie: 5 hrs. labor, 2nd year;			
18 hrs. labor, 3rd year		16.50	59.40
Rabbit control	10.00	5.00	
Irrigation labor: 5 hrs. @ \$4.00	20.00	20.00	20.00
Water-power and/or district tax	25.00	30.00	35.00
Irrigation preparation and weed control:			
6 hrs. labor + 4 tractor hrs., 1st year;			
then 8 hrs. labor + 4 tractor hrs.	33.00	39.60	39.60
Fertilizer @ 30¢ applied (25 lbs. N 2nd year;			
40 lbs. N, 3rd year)		7.50	12.00
Mildew control: 2 hrs. labor + 2 tractor hrs.			
+ materials @ \$3.50			16.70
Pest management and materials			25.00
Misc. labor, materials, tractor	20.00	17.00	20.00
County taxes	40.00	40.00	50.00
Repairs, except tractor	17.00	19.00	19.00
Business and office costs, operating capital,			
insurance, etc.	36.31	41.76	45.72
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>\$ 641.41</b>	<b>\$ 737.71</b>	<b>\$ 697.77</b>
<b>Harvest Costs:</b>			
Contract @ \$22/ton - pick and haul			\$ 110.00
<b>TOTAL HARVEST COSTS</b>			<b>\$ 110.00</b>
<b>TOTAL CASH COSTS</b>	<b>\$ 641.41</b>	<b>\$ 737.71</b>	<b>\$ 807.77</b>
<b>Depreciation:</b>			
Irrigation system: \$280, 20 yr. life	\$ 14.00	\$ 14.00	\$ 14.00
Buildings and equipment, except tractor:			
\$140, 12 yr. life	11.67	11.67	11.67
Tractor: \$1.65/hr.	6.60	6.60	9.90
<b>TOTAL DEPRECIATION</b>	<b>\$ 32.27</b>	<b>\$ 32.27</b>	<b>\$ 35.57</b>

\*Cost of adding one more wire and 24-inch crossarm for trellis would be about \$180.

	1st year	2nd year	3rd year
Interest on Investment @ 8%:			
Irrigation system: 1/2 cost \$140	\$ 11.20	\$ 11.20	\$ 11.20
Buildings and equipment, except tractor: 1/2 cost \$70	5.60	5.60	5.60
Tractor: \$ .82/hr.	3.28	3.28	4.92
Land: \$1500/acre	120.00	120.00	120.00
Interest on accumulated costs		65.10	143.11
TOTAL INTEREST ON INVESTMENT	\$ 140.08	\$ 205.18	\$ 284.83
TOTAL COST FOR THE YEAR	\$ 813.76	\$ 975.16	\$1128.17
CREDIT FOR FRUIT @ \$70/TON FOR JUICE			\$ 350.00
NET COST FOR THE YEAR	\$ 813.76	\$ 975.16	\$ 778.17
TOTAL ACCUMULATED COST	\$ 813.76	\$1788.92	\$2567.09

### ABOUT THIS SHEET

This sheet is one of a series on sample costs of establishing vineyards in the San Joaquin Valley. This series includes: Thompson Seedless for Raisins or Wine, Thompson Seedless for Table Use, Emperors, and Wine Varieties. These input and cost data are to be used only as guides in determining the costs of establishing a specific vineyard. They are not intended to represent industry averages.

LAND PREPARATION - The cost of leveling land for irrigation is included in the land value. Additional costs may include chiseling or deep ripping.

ROOTINGS - Cost is based on planting rooted cuttings. When cuttings are planted directly in the vineyard, the overall cost of cuttings, planting, and replanting is sometimes less.

IRRIGATION - Irrigation labor and water sample costs are based on a pumping system with pipeline. When all the water is from an irrigation district, the investment overhead costs of depreciation and interest on irrigation facilities are normally lower.

PEST AND DISEASE CONTROL - Dusting and spraying costs may vary considerably from year to year. Control measures required also vary between vineyards. The sample costs shown on this sheet are based on average conditions.

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