



*Sample Costs to
Establish a Vineyard
of THOMPSON
SEEDLESS
FOR RAISINS
OR WINE
in the
San Joaquin Valley*

1978

Division of Agricultural Sciences
UNIVERSITY OF CALIFORNIA

REVISED SEPTEMBER 1978

SPECIAL PUBLICATION
3091

THOMPSON SEEDLESS GRAPES FOR RAISINS OR WINE
Sample Costs to Establish a Vineyard - 1978

Based on a 120-acre unit. Labor \$3.60 and \$4.60 per hour total cost to the grower. Tractor per hour cash costs \$3.10, depreciation \$2.00 and interest \$1.00. Vines are planted 7' x 12' spacing. Wages include Social Security, Workmen's Compensation, insurance, and all other fringe benefits.

YIELD: Tons fresh fruit per acre	Costs Per Acre		
	1st Year	2nd Year	3rd Year
	0	0	5
Pre-Harvest Cash Costs:			
Fumigate: materials and application	\$ 235.00		
Pre-plant weed control: materials & application	19.00		
Land preparation: chisel, disc, float, etc.	65.00		
Rootings: 519 at 25¢, 25 second year	129.75	\$ 6.25	
Trim and misc. planting labor	29.00	1.00	
Machine planting: 2 hrs. labor, 2nd year	36.00	7.20	
Stakes (treated) 519, 6 ft. at 65¢		337.35	
End posts (treated) 11, 7 ft. at \$3.87		42.57	
Stake and set end posts, 8¢ stakes and end posts \$2.50		69.02	
Wire: 82 lbs. #13 high tensile, 32¢ lb.		26.24	
*String one wire and staple: labor & materials		22.00	
Training & suckering: 22 hrs. labor, 2nd year		79.20	
6 hrs. labor, 3rd year			\$ 21.60
Tying materials		9.00	5.00
Prune & tie: 5 hrs. labor, 2nd yr.; 18 hrs., 3rd yr.		18.00	64.80
Rabbit control	10.00	5.00	
Irrigation: 5 hrs. labor each year @ \$4.60	23.00	23.00	23.00
Water, power and/or district tax	22.00	31.00	40.00
Irrigation preparation and weed control: 6 hrs. labor and 4 hrs. tractor, 1st yr.; then 8 hrs. labor and 4 hrs. tractor	38.00	45.20	45.20
Fertilizer: 30¢ applied, 30 lbs. N 2nd yr. and 50 lbs. 3rd yr.		9.00	15.00
Mildew control: 2 hrs. labor and 1½ hrs. tractor plus materials \$5.00			18.35
Pest management and materials			45.00
Misc. labor, materials, 1 hr. tractor	22.00	18.00	22.00
County taxes	40.00	40.00	60.00
Repairs, except tractor	20.00	18.00	20.00
Office and business costs	41.32	48.42	30.30
TOTAL PRE-HARVEST CASH COSTS	\$ 730.07	\$ 855.45	\$ 410.25
Harvest Costs:			
Contract \$25/ton, pick and haul			\$ 125.00
TOTAL HARVEST COSTS			\$ 125.00
TOTAL CASH COSTS	\$ 730.07	\$ 855.45	\$ 535.25
Depreciation:			
Irrigation system: \$300 cost, 20 yr. life	\$ 15.00	\$ 15.00	\$ 15.00
Buildings and equipment, except tractor \$160, 12 yrs.	13.33	13.33	13.33
Tractor: \$2.00 per hour	10.00	10.00	12.00
TOTAL DEPRECIATION	\$ 38.33	\$ 38.33	\$ 40.33
Interest on Investment at 8%:			
Irrigation system: 1/2 cost \$150	\$ 12.00	\$ 12.00	\$ 12.00
Buildings and equipment, except tractor: 1/2 cost \$80	6.40	6.40	6.40
Tractor: \$1.00 per hour	5.00	5.00	6.00
Land: \$2000 per acre	160.00	160.00	160.00
Interest on accumulated costs		76.14	168.41
TOTAL INTEREST ON INVESTMENT	\$ 183.40	\$ 259.54	\$ 352.81
TOTAL COST FOR THE YEAR	\$ 951.80	\$1153.32	\$ 928.39
CREDIT FOR FRUIT AT \$100 TON	0.00	0.00	500.00
NET COST FOR THE YEAR	\$ 951.80	\$1153.32	\$ 428.39
TOTAL ACCUMULATED COST	\$ 951.80	\$2105.12	\$2533.51

*Cost of adding one more wire with 24-inch crossarm is about \$200, 2nd year.

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 cutting, 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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Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the United States Department of Agriculture, James B. Kendrick, Jr., Director, Cooperative Extension, University of California.

5m-9/78-HS/SL

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