

THOMPSON SEEDLESS GRAPES FOR RAISINS OR WINE
Sample Costs to Establish a Vineyard - 1980

Based on a 120-acre unit, vines spaced at 7' x 12'. Labor \$4.50 and \$5.50 per hour total cost to the grower. Tractor per hour cash costs \$3.90, depreciation \$2.10 and interest \$120. Wages include Social Security, Workmen's Compensation, insurance, and all other fringe benefits.

	Costs Per Acre		
	1st Year	2nd Year	3rd Year
YIELD: Tons dry fruit per acre	0	0	1
Pre-Harvest Cash Costs:			
Fumigate: materials & application	\$ 240.		
Pre-plant weed control: materials & application	19.		
Land preparation: chisel, disc, float, etc.	125.		
Rootings: 519 at 32¢, 25 second year	166.	\$ 8.	
Trim and misc. planting labor	36.	1.	
Machine planting: 2 hrs. labor, 2nd yr.	52.	11.	
Stakes (treated): 519, 7-ft. at 95¢		493.	
End posts (treated): 11, 8-ft. at \$5:		55.	
Stake and set end posts, 17¢ stakes and end posts \$4.		132.	
Two wire: 164 lbs. #13 high tensile, 40¢/lb.		66.	
*String two wires and staple: labor & materials		45.	
Training & suckering: 22 hrs. labor, 2nd yr.		99.	
6 hrs. labor, 3rd yr.			\$ 27.
Tying materials		5.	3.
Wire & tie: 5 hrs. labor, 2nd yr., 18 hrs., 3rd yr.		23.	81.
Soil control	13.	7.	
Irrigation: 5 hrs. labor each year @ \$5.50	28.	28.	28.
Water, power and/or district tax	30.	37.	53.
Irrigation preparation and cultivation: 6 hrs. labor and 4 hrs. tractor, 1st year; then 8 hrs. labor and 4 hrs. tractor	47.	57.	57.
Fertilizer: 35¢ applied, 30 lbs. N 2nd yr. and 50 lbs. 3rd year		11.	18.
Mildew control: 2 hrs. labor and 1 1/2 hrs. tractor plus materials \$7.			24.
Pest management and materials			40.
Herbicide		18.	20.
Misc. labor, materials, 1 hr. tractor	24.	20.	24.
County taxes	45.	45.	65.
Rentals, except tractor	24.	21.	24.
Office and business costs	68.	95.	37.
TOTAL PRE-HARVEST CASH COSTS	\$ 917.	\$1278.	\$ 501.
Harvest Costs:			
Contract \$225/dry ton, pick			\$ 225.
TOTAL HARVEST COSTS			\$ 225.
TOTAL CASH COSTS	\$ 917.	\$1278.	\$ 726.
Depreciation:			
Irrigation system: \$565, 20 yr. life	\$ 28.	\$ 28.	\$ 28.
Buildings and equipment, except tractor: \$415, 12 yr. life	35.	35.	35.
Tractor: \$2.10 per hour	11.	11.	13.
TOTAL DEPRECIATION	\$ 74.	\$ 74.	\$ 76.

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

1st Year 2nd Year 3rd Year

<u>Interest on Investment at 11%:</u>			
Irrigation system: 1/2 cost \$283	\$ 31.	\$ 31.	\$ 31.
Buildings and equipment, except tractor: 1/2 cost \$208	23.	23.	23.
Tractor: \$1.20 per hour	6.	6.	7.
Land: \$3500 per acre	385.	385.	385.
Interest on accumulated costs		158.	373.
TOTAL INTEREST ON INVESTMENT	\$ 445.	\$ 603.	\$ 819.
TOTAL COST FOR THE YEAR	\$1436.	\$1955.	\$1621.
CREDIT FOR FRUIT AT \$1000 TON			\$1000.
NET COST FOR THE YEAR	\$1436.	\$1955.	\$ 621.
TOTAL ACCUMULATED COST	\$1436.	\$3391.	\$4012.

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, Wine Varieties, Cordon Trained Spur-Pruned Table Grapes, Emperor, Ribier or Cardinal. 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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