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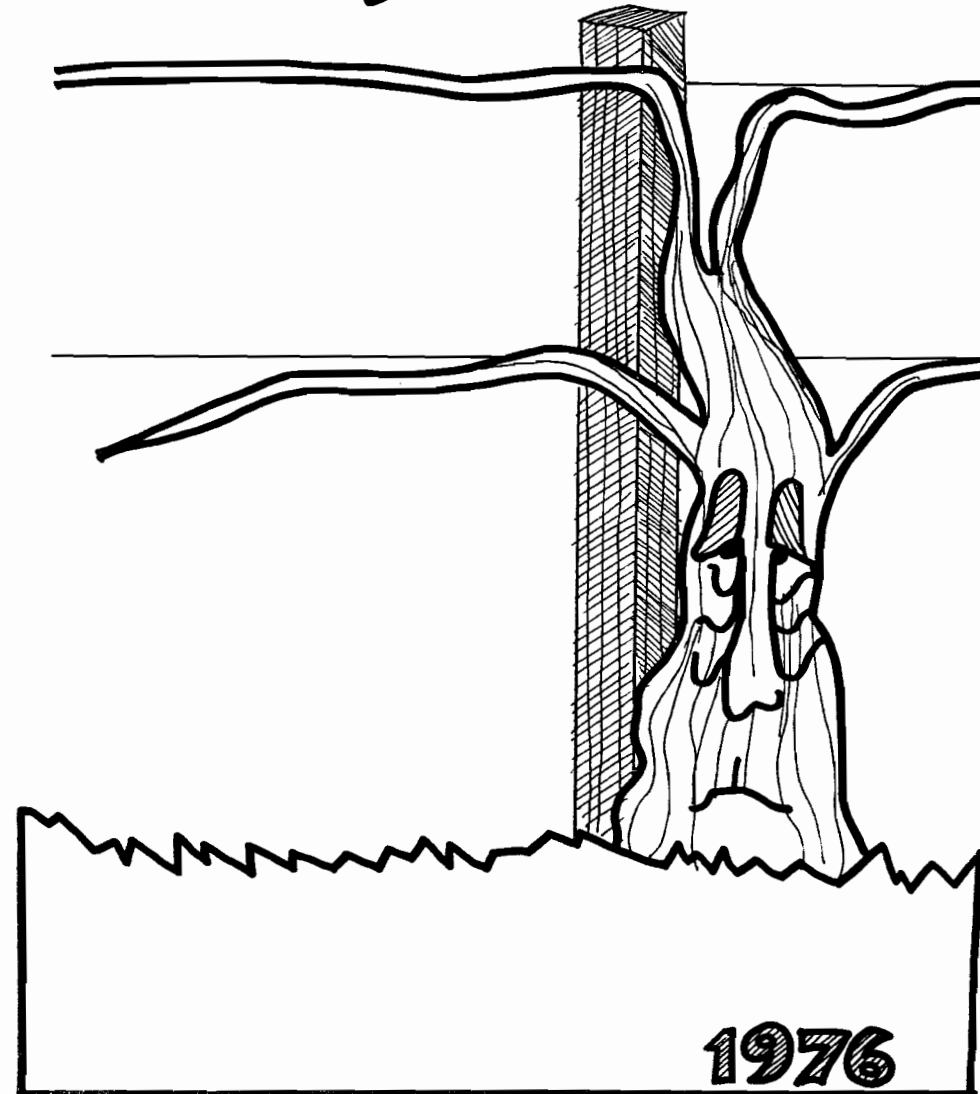
April 5, 1976

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) COST ESTIMATES FOR
REPLACING

DAMAGED VINES



ESTIMATES FOR REPLACING DAMAGED VINES

Thompson Seedless for Raisins or Wine

*Based on Loss of 10 Vines

For vine losses numbering less than ten, the costs will be proportionately higher per vine. The costs will be less per vine if more than ten were damaged. Also, these figures have been rounded off for simplicity.

The costs itemized on the opposite page represent estimates of the reasonable requirements to complete various tasks. These figures will vary depending on each individual situation, such as age and productivity of the damaged vineyard, the time and nuisance factor for management, availability of labor, etc. etc.

For example, it's as much or more work to buy 10 rootings as 1,000 and it will require the same amount of mileage and time to obtain them.

Since the full value of the loss of production is included in our examples, only special costs above normal operating expenses can be deducted, i.e. the normal operating costs, other than harvesting, such as pruning, cultivating, taxes, pest control, water, etc. are costs that come out of the money received for the lost crop.

Removal of damaged vines & stakes - 4 hrs. @ \$3.30**	\$13.20	
Cost of rootings - 10 @ 22¢	2.20	
Planting labor - 2 hrs. @ \$3.30	6.60	
6' stakes, treated - 10 @ 65¢	6.50	
170' No. 12 galv. wire (2 wire vertical trellis) - 6 lbs. @ 28¢	1.68	
Staking & wiring labor - 2 hrs. @ \$3.30	6.60	
Special care of vines for 4 yrs. Hand weeding mainly 1st & 2nd yrs. - 3 hrs. Training mainly 2nd & 3rd yrs. - 4 hrs. Special watering mainly 1st & 2nd yrs. - 15 hrs.		
	Total	22 hrs.
	@ \$3.30	72.60
Rabbit protection, paper bags or net - 10 @ 5¢ labor 1 hr. @ \$3.30	3.80	
Misc. materials (twine, staples), phone, auto expense & labor - 4 hrs. \$3.30 (pick up rootings, stakes, etc.)	25.00	(A)
	<u>Sub-total</u>	<u>\$138.18</u> <u>\$14/vine</u>

These additional items are often required to repair a damaged vineyard to its former state. Therefore, their estimated cost should be added where applicable.

End post - treated - 7'	\$3.25
Removal of damaged end post & installation of new end post - 2 hrs. @ \$3.30	\$6.60
Crossarm - 2' - material + installation	.50
Spot soil fumigation - material + application application cost is highly variable depending on growers soil, equipment & methods used	\$1.00/vine and above
Stand pipes, valves, etc. - suggest that you let a pipe company repair & bill for it	

** Labor at \$3.30/hr. incl. FICA, Workman Comp. & Unemp. Ins.

***See Farm Advisor Winery & Raisin Price Sheets

*Estimated Loss of Crop: In this example we assume the approximate annual green tonnage yield to be an average of 11 tons/acre for the vineyard. This is equal to about 50 lbs./vine annually. Therefore, 3 yrs. with a total loss of crop + 2 yrs. with ½ crop loss will equal a sum total crop loss for these 10 vines over a 5 yr. period equal to 1 green ton.

Yield	x	Price/ton	Harvest - costs	=	Est. crop loss/vine
***Raisin Example: Assume 4.25:1 dry ratio					
470 lbs.		\$450	\$30	75.00	7.50
470 lbs.		\$550	\$30	100.00	10.00
470 lbs.		\$650	\$30	125.00	12.50

***Winery Example					
1 ton	@	\$ 60	- 20	harvesting	=\$40 = 4.00
fruit		\$ 70	- 20	"	=\$50 = 5.00
loss		\$ 80	- 20	"	=\$60 = 6.00

Est. value/vine in your vineyard
Add crop loss to (A)