

**THOMPSON SEEDLESS GRAPES FOR RASINS OR WINE**  
**Sample Costs to Establish a Vineyard - 1986**

**COST ANALYSIS WORK SHEET**

Costs are based on a 120 acre unit, vines spaced at 7' x 12'. Wages included social security, workman's compensation and insurance. Yield of 4.5 tons for winery or 1 ton for rasins. Tractor and supervisory labor \$5.70 per hour, field labor \$4.85 per hour, and tractor \$6.48 per hour.

**Costs/ Acre**

	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>
<b>YIELD: Tons Fruit/Acre</b>	—	—	1
<b>PREHARVEST CASH COSTS</b>			
Fumigate	\$460		
Land preparation: contract	\$150		
4 hrs chisel and labor			
4 hrs disc, float, and labor			
Rootings: 519 at \$0.37 (+25, 2nd year)	\$192	\$9	
Trim and store @ \$0.08 per rooting	\$42	\$2	
Machine planting: \$0.11/vine (+2hrs labor 2nd year)	\$57	\$10	
Stakes (treated): 519 7-ft @ \$1.00 ea		\$519	
End posts (treated): 11 8-FT. \$4.50		\$50	
Stake and set end posts: \$.018 stakes + \$4.50 end posts		\$143	
Wire: #13 high tensile @ \$0.34 per lb, 175 lbs		\$60	
String two wires and staple		\$50	
Training and suckering: 22 hrs labor 2nd yr		\$107	\$29
6 hrs labor 3rd yr			
Tying materials		\$6	\$4
Prune and tie: 5 hrs labor 2nd yr		\$24	\$87
18 hrs 3rd yr			
Rabbit Control	\$15	\$8	
Irrigation: 5 hrs labor @ \$5.70 per hr	\$29	\$29	\$29
Water power and/or district tax: 60 ft pumping	\$13	\$26	\$39
1, 2, 3 1/2 ac ft @ \$13.00			
Cultivation and irrigation preparation	\$60	\$72	\$72
6 hrs labor + 4 hrs tractor 1st yr			
8 hrs labor + 4 hrs tractor 2nd yr and after			
Fertilizer: \$0.30/lb (30 lbs N 2nd yr		\$14	\$20
50 lbs 3rd yr + \$5/ac for application)			
Pest Management and disease control, includes mildew	\$17	\$27	\$117
Herbicides: materials and application	\$35	\$32	\$32
Misc. labor, materials, 1hr tractor	\$34	\$29	\$34
<b>TOTAL PREHARVEST CASH COSTS</b>	\$1,104	\$1,217	\$463
<b>TOTAL HARVESTING COSTS - Refer to production costs for rasins</b>			\$223

**Cost / Acre**

	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>
<b>OVER HEAD COSTS</b>			
County taxes	\$39	\$39	\$39
Office and business costs	\$30	\$30	\$30
<b>TOTAL OVERHEAD COSTS</b>	\$69	\$69	\$69
<b>TOTAL CASH COSTS</b>	\$1,173	\$1,286	\$755
<b>ACCUMULATED CASH COSTS</b>	\$1,173	\$2,459	\$3,214
<b>DEPRECIATION:</b>			
Building, equipment and irrigation	\$68	\$68	\$68
<b>INTEREST ON INVESTMENT @ 12.5%</b>			
Building, equipment and irrigation	\$57	\$57	\$57
Land \$3000	\$375	\$375	\$375
Interest in accumulated cash cost	\$147	\$307	\$401
<b>TOTAL INTEREST ON INVESTMENT</b>	\$579	\$739	\$833
<b>TOTAL COST FOR THE YEAR</b>	\$1,820	\$2,093	\$1,656
<b>CREDIT FOR PRODUCTION</b>			
@ \$500/ton for raisins			(\$500)
<b>NET COST FOR THE YEAR</b>	\$1,820	\$2,093	\$1,156
<b>ACCUMULATED NET COST</b>	\$1,820	\$3,913	\$5,069