

# WINE GRAPES 1987



**SAN LUIS OBISPO & SANTA BARBARA  
COUNTIES**  
UC Cooperative Extension

COOPERATIVE EXTENSION, UNIVERSITY OF CALIFORNIA  
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SAMPLE COSTS TO ESTABLISH A VINEYARD FOR WINE GRAPE PRODUCTION  
 San Luis Obispo and Santa Barbara Counties - 1987

John H. Foott, Farm Advisor and E. A. Yearly, Area Farm Management Specialist

	Costs per acre		
	1st yr.	2nd yr.	3rd yr. 1/2 ton
<u>Yield: tons per acre</u>			
<u>PRE-HARVEST COSTS:</u>			
Land preparation: 2-1/2 hrs., labor & tractor	\$ 44		
Rip: 1 hr. labor & tractor-custom	300		
Fumigation, if needed, \$500-\$900 per acre			
Rootings: 520 at \$.50, (25, 2nd yr.)	260	13	
Mark & plant, \$.27 (2nd yr., \$25)	140	25	
<del>Stakes, 520 @ \$1.12, steel 7' stakes</del>			<del>582</del>
End posts, 10 @ \$4.50	45		
Distribute & set stakes & posts: \$.22 & \$3.65	151		
Wire: 240 lbs. for 3 wires @ \$.39/lb.		94	
String 3 wires & staple	51		
Training, 26 hrs. 2nd yr.	208		
Training & suckering, 15 hrs. 3rd yr.			120
Prune & tie; tying (labor)		64	72
Rodent, deer & bird control	14	14	14
Irrigate, 7 times, 2 hrs.	16	16	16
Water, 1 acre ft. at \$100 (sprinklers)	100	100	100
Disc or cultivate 10 times-4 hrs. labor & tractor	70	70	70
Hand work	153	76	76
Pest & disease control: Materials & application		45	45
Misc. labor, materials, machine time	30	38	44
County taxes - estimate	52	52	52
Repairs except tractor	42	60	73
Supervision	20	20	20
Interest on operating capital at 13%	114	85	47
Office and business costs	51	38	21
<u>TOTAL PRE-</u>			
<u>HARVEST COSTS</u>	<u>\$1861</u>	<u>\$1392</u>	<u>\$770</u>
<u>HARVESTING COSTS</u>			
Pick: \$100/ton			50
Haul: \$ 25/ton			13
Supervision: \$11/acre			11
<u>TOTAL HARVESTING COSTS</u>			<u>\$74</u>
<u>TOTAL CASH COSTS</u>	<u>\$1861</u>	<u>\$1392</u>	<u>844</u>
<u>DEPRECIATION</u>			
Irrigation system, \$2000/16 yrs.	125	125	125
Buildings & equipment except tractor, \$300/15 yrs.	20	20	20
Tractor, \$3.00/hr.	21	14	17
<u>TOTAL DEPRECIATION</u>	<u>\$166</u>	<u>\$159</u>	<u>\$162</u>

SAMPLE COSTS TO PRODUCE WINE GRAPES

San Luis Obispo and Santa Barbara Counties - 1987

John H. Foott, Farm Advisor and E. A. Yeary, Area Farm Management Specialist

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 Sample Costs                      My Costs  
 per acre    per ton    per acre    per ton  
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PRE HARVEST CASH COSTS:

Prune & tie: 520 vines @\$.30	\$156		
Brush disposal: contract	12		
Rodent, deer & bird control	17		
Irrigate 6 times, 2 hrs. labor	16		
Water: 1 ac. ft. @\$100 per ac. ft.	100		
Disc or cultivate 5 times, 2-1/2 hrs. labor & tractor	44		
Pest and disease control: material	55		
application 4X, 1 hr. labor & tractor	18		
insects, diseases, nutrient & spray application 1/2 hr., labor & tractor	70		
Herbicide: \$25 plus 1/3 hr. equipment	31		
Fertilizer & application: 1/4 hr./acre	14		
Frost protection (water)	85		
Misc. labor, power, materials	44		
County taxes	85		
Repairs, except tractor	76		
Supervision	22		
Interest on operating capital at 13%	57		
Office & business costs 3%	26		

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 TOTAL PRE HARVEST COSTS                      \$937                      \$234.25  
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HARVESTING COSTS:

Pick: \$80/ton, hand harvest	320		
Haul \$25/ton	100		
Supervision: \$4/ton	16		

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 TOTAL HARVESTING COSTS                      \$436                      \$109.00  
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TOTAL CASH COSTS                      \$1373                      \$343.25  
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DEPRECIATION:

Vines \$6692, 30 yrs.	223		
Irrigation system, \$2,000, 16 yrs.	125		
<del>Buildings &amp; equipment, except tractor,</del> \$300, 15 yrs.	20		
Tractor, 9 hrs., @\$3.00	27		

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 TOTAL DEPRECIATION                      \$395                      \$ 98.75  
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INTEREST ON INVESTMENTS @ 11%

Vines: 1/2 cost, \$3346	368		
Irrigation system: 1/2 cost, \$1,000	110		
Buildings & equipment, except tractor, 1/2 cost, \$150	17		
Tractor: 9 hrs. @ \$1.80	16		
Land \$3,000 per acre	330		

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 TOTAL INTEREST ON INVESTMENTS                      \$841                      \$210.25  
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TOTAL COST OF PRODUCTION                      2609                      \$652.25  
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Total Costs at Varying Yields

Yield: tons per acre	2	3	4	5	6
Total cost per ton	\$1196.00	\$833.00	\$652.00	\$544.00	\$471.00

Costs are based on yield of 4 tons per acre. Total labor costs to the grower are \$8.50 per hour for equipment operator, \$8 for other labor. Tractor per hours cash costs \$9.00, depreciation \$3.00, and interest \$1.80. Based on 100 acre vineyard.  
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