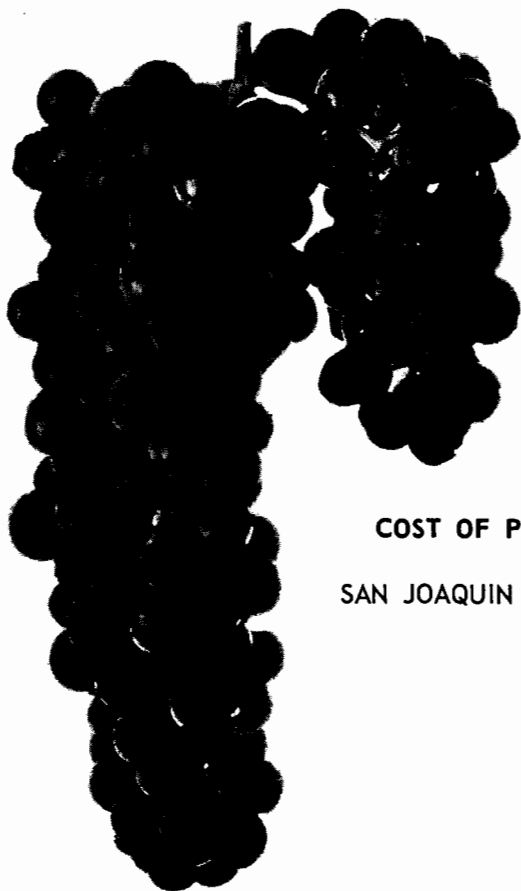


WINE GRAPES GR-VN-74

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PSP³



COST OF PRODUCTION
SAN JOAQUIN COUNTY - 1974

UNIVERSITY OF CALIFORNIA AGRICULTURAL EXTENSION
SAN JOAQUIN COUNTY

W I N E G R A P E S
COST OF PRODUCTION IN SAN JOAQUIN COUNTY
March 1974

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SAMPLE COSTS PRESENTED HERE ARE BASED ON:

I

-An 80-acre wine grape vineyard producing 8 tons per acre.

Wine grape yields vary a great deal according to variety. Some varieties produce over 8 tons per acre and other varieties, less. Yield is the most important factor affecting costs per ton.

II

-Costs vary according to districts in the county. All districts are considered in these sample costs.

III

-Labor costs based on \$2.55 and \$3.25 per man hour. (Includes Workmen's Compensation, Social Security and other benefits.) Medium-wheel tractor at \$1.80 per hour cash costs.

IV

REMEMBER--These are not average costs but costs based on good cultural practices to produce quality wine grapes. They are not intended to represent industry averages. Costs of production are continually changing due to inflation.

WHAT ARE YOUR YIELDS?

WHAT ARE YOUR COSTS?

MAKE A COMPARISON.

SAMPLE COSTS TO PRODUCE WINE GRAPES IN SAN JOAQUIN COUNTY - March 1974
(Mature vineyard - 8 T/A production)

	Cost Per Acre	Cost Per Ton	Your Cost
<u>PREHARVEST CASH AND LABOR COSTS:</u>			
Pruning - 22 hours	\$ 56.10		
Brush disposal - .4 M & T	2.02		
Fertilizer, plus application, 80% N @ 24¢	23.20		
Pest & disease control, applied - 1.5 M & T hours	7.58		
Pest & disease control material*	22.46		
Tillage & irrigation preparation, 3 hrs. M & T	15.15		
Chemical weed control, labor & material, applied	15.15		
Irrigate - 9 hours	22.95		
Water	11.00		
Miscellaneous labor, 3 each, M & T	11.55		
Miscellaneous material, stakes, twine, etc.	15.00		
County taxes	60.00		
Office, car, int. on operating capital, etc.	29.00		
Repairs, Irrig. system & equipment except tractor	13.00		
TOTAL PREHARVEST CASH AND LABOR COST	\$304.16	\$ 38.02	
<u>HARVESTING COST:</u>			
Pick & local haul @\$26/T @ 8 T/A (contract)	\$208.00	\$ 26.00	
TOTAL CASH AND LABOR COSTS	\$512.16	\$ 64.02	
<u>DEPRECIATION:</u>			
Vines (trellis) - Net cost basis - \$2233-30 yrs.	\$ 74.00		
Irrigation facilities: Cost \$300 - 20 yrs.	15.00		
Building & equipment: Cost \$297	31.50		
TOTAL DEPRECIATION COST	\$120.50	\$ 15.06	
<u>INTEREST ON INVESTMENT @ 7%:</u>			
Vines - On 1/2 cost (\$1117)	\$ 78.19		
Irrigation facilities - On 1/2 cost (\$150)	10.50		
Building & equipment - On 1/2 cost (\$208)	14.56		
Land @ \$2200	154.00		
TOTAL INTEREST ON INVESTMENT	\$257.25	\$ 32.16	
TOTAL COST OF PRODUCTION (8-ton yield)	\$889.91	\$111.24	

YIELD, Tons/A	5	6	7	8	9	10
CASH COSTS	\$ 86.83	\$ 76.69	\$ 69.45	\$ 64.02	\$ 59.80	\$56.42
TOTAL COSTS	\$162.38	\$139.65	\$123.42	\$111.24	\$101.77	\$94.19

* See attached supplement for additional pests that may require control.

JJK:jrs

WINE GRAPES SAMPLE COSTS - PEST AND DISEASE CONTROL

<u>Problems included in cost sheet</u>		Cost
	<u>Problem</u>	<u>Material</u>
Thrips		\$ 2.40
Mildew - 7 dustings (15 lbs. ea.)	105 lbs.	6.83
Leafhopper and mite - Combination spray		<u>12.16</u>
		\$21.39
	Sales tax	<u>1.07</u>
		\$22.46

Other pest and disease problems that may require treatment

<u>Problem</u>	<u>Material costs/Acre</u> <u>(Add 5% Sales Tax)</u>
Cutworm	\$ 3.40
Willamette mite (early)	4.20
Leaf folder	9.82
Omnivorous leaf roller	13.93
Mealybug	12.16
Nematodes (Add cost to flood irrigate)	36.75
Nematodes - DBCP applied by rented sprinkler (Contract)	70.00

Add additional application costs:

Duster	10 A/hr.	
Sprayer conc.	4 A/hr.	
Airplane spray		5.00/A
Airplane dust	10¢/lb., or min. of	2.00/A

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March 1974

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