

GR-VN-62-2

WINE GRAPES

**COST OF ESTABLISHING A VINEYARD IN
SAN JOAQUIN COUNTY - 1962**



UNIVERSITY OF CALIFORNIA AGRICULTURAL EXTENSION SERVICE

UC Cooperative Extension

COST OF ESTABLISHING A WINE VINEYARD
IN SAN JOAQUIN COUNTY

Sample Costs Presented Here Are Based On:

I

Good cultural practices in developing a wine vineyard with above average yields.

II

Actual costs from growers who recently developed a wine grape vineyard

Recommended practices.

III

Labor costs based on \$1.25 and \$1.50 per man hour.

IV

Interest charges of 6% for:

Land valued at \$1,000 per acre.

Buildings, irrigation facilities and equipment valued at \$260 per acre. Interest is determined on one-half the original value.

V

Depreciation based on:

Buildings, irrigation facilities and equipment valued at \$260 per acre with expected life of 20 years.

VI

Credit for fruit produced based on 1957-61 average price of \$52 per ton.

Remember - These are only sample costs and will vary according to varieties, rootstocks, etc.

COST PER ACRE OF ESTABLISHING A WINE VARIETY VINEYARD
IN SAN JOAQUIN COUNTY

	1st Year	2nd Year	3rd Year	4th Year	5th Year
Yield Tons			2.5	5.0	7.0
PRE-HARVEST CASH COSTS:					
Land preparation: Subsoil, disc, float, etc.	20.00				
Planting: 18 Man hrs. 2nd yr. \$1.25/hr. 3rd yr. .5 hr.	22.50	1.56	.63		
Rootings (St. George) @ 10¢	41.30	2.50	1.00		
Staking: 10 man hrs.	12.50				
Stakes: 413 6-ft. @ 27¢ treated	111.50				
Budding: 10¢/vine + 7 man hrs.	50.05	10.00	2.50		
Irrigation: 12 man hrs.	15.00	15.00	15.00	15.00	15.00
Water Power Cost:	7.00	9.00	9.00	9.00	9.00
Tillage: hoe, irrig. prep.	17.90	17.90	17.90	17.90	17.90
Rabbit control: labor and material	4.50	4.50			
Dusting and spraying*			4.50	4.50	4.50
Dust and spray material*			7.50	7.50	7.50
Prune, tie, train, sucker, etc.		26.25	22.50	22.50	22.50
Twine @ 30¢/ lb.		3.00	3.00	.60	
Fertilize: 1 man hr. + .5 Tr. hr.			2.05	2.05	2.05
Fertilize: 40# N (3rd,4th,5th yr.)			3.80	3.80	3.80
Misc. labor and material	2.00	3.00	5.00	7.50	10.00
TOTAL CULTURAL LABOR AND MATERIAL	\$304.25	\$ 92.71	\$ 94.38	\$ 90.35	\$ 92.25
HARVESTING COSTS:					
Pick, load and haul @ \$12/T. 3rd, 4th yr. \$10/T. - 5th yr.			30.00	60.00	70.00
TOTAL HARVESTING			30.00	60.00	70.00
CASH OVERHEAD COSTS:					
General expense: 5% of cash labor cost	15.21	4.64	6.22	7.47	8.11
County taxes	16.00	16.00	18.00	18.00	20.00
Repairs, Ins., misc. cash costs	4.00	4.50	5.00	5.50	5.50
TOTAL CASH OVERHEAD	35.21	25.14	29.22	30.97	33.61
TOTAL CASH, LABOR & FIELD POWER	\$339.46	\$117.85	\$153.60	\$181.32	\$195.86
DEPRECIATION AND INTEREST:					
Depreciation on buildings, irrig. facilities and equipment	13.00	13.00	13.00	13.00	13.00
Interest @ 6% on fac. and equip.	7.80	7.80	7.80	7.80	7.80
Interest on land (\$1,000 value)	60.00	60.00	60.00	60.00	60.00
Interest on Accumulated Costs @ 6%		25.22	38.65	47.23	50.19
TOTAL DEPRECIATION & INTEREST	80.80	106.02	119.45	128.03	130.99
TOTAL CURRENT COSTS	420.26	223.87	273.05	309.35	326.85
CREDIT FOR FRUIT @ \$52/T.			130.00	260.00	364.00
NET TOTAL CURRENT COSTS	420.26	223.87	143.05	49.35	+37.15
ACCUMULATED COST	\$420.26	\$644.13	\$787.18	\$836.53	\$799.38

*Where spraying for red spider is necessary, add approximately \$8 per acre
**1957-61 Five-year average price \$52 per ton

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