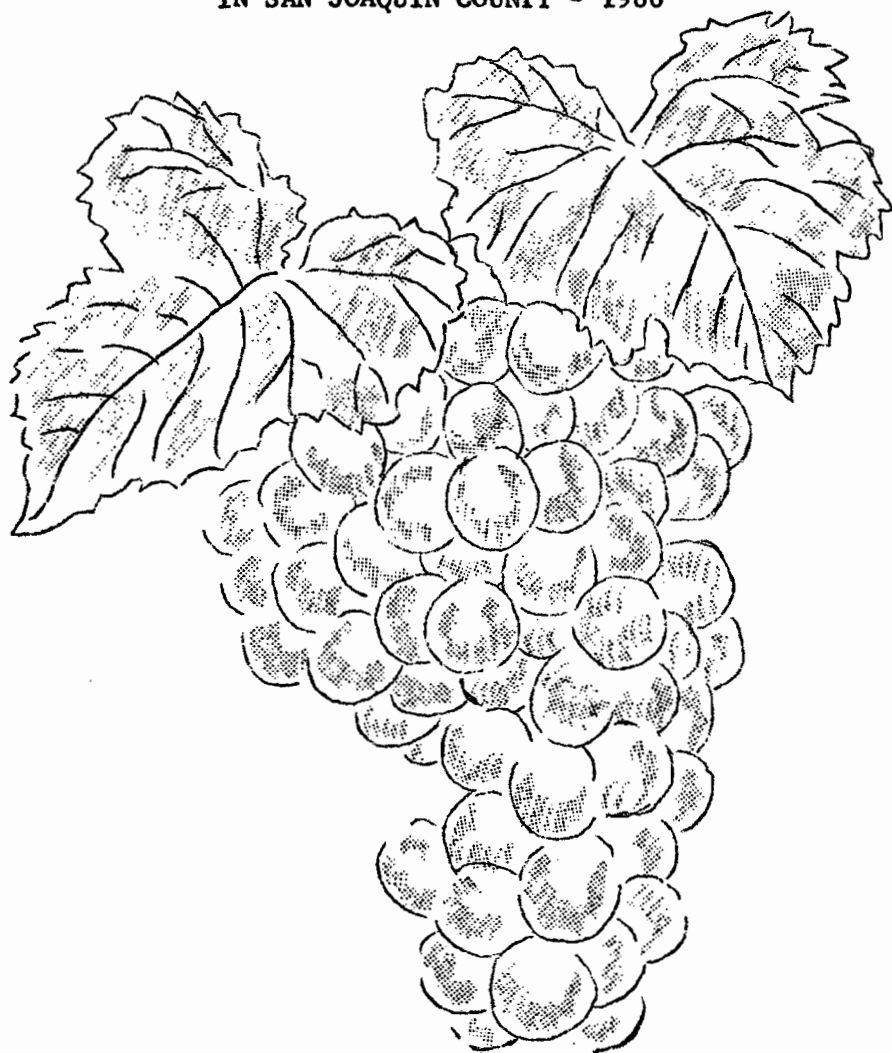


GR-VN-66-1

TOKAY GRAPES

**COST OF ESTABLISHING A VINEYARD
IN SAN JOAQUIN COUNTY - 1966**



UC Cooperative Extension

UNIVERSITY OF CALIFORNIA AGRICULTURAL EXTENSION SERVICE

COST OF ESTABLISHING A TOKAY VINEYARD IN SAN JOAQUIN COUNTY

SAMPLE COSTS PRESENTED HERE ARE BASED ON:

I

oOo Good cultural practices in developing an 80-acre Tokay vineyard with above-average shipping yields.

II

oOo **Actual** costs from growers who recently developed a Tokay vineyard.

oOo Recommended practices.

III

oOo Labor costs based on \$1.50 and \$1.75 per man hour. (Includes Workmen's Compensation, Social Security and other benefits.)

IV

oOo Interest charges of 6% for:

Land valued at \$1,200 per acre.
Buildings, irrigation facilities and equipment valued at \$290 per acre. Interest is determined on one-half the original value.

V

oOo Depreciation based as follows:

	<u>Years Life</u>	<u>Investment per Acre</u>
Buildings	25	\$ 50.00
Irrigation Facilities	20	100.00
Tractor	10	70.00
Other Equipment	10	70.00

VI

oOo Credit for fruit produced based on 1961-65 average price.

oOo Winery fruit at \$36.62 per ton.

oOo Shipping fruit at \$1.98 per 28-pound lug.

oOo Remember - These are only sample costs.

COST ANALYSIS WORK SHEET
SAMPLE COSTS TO ESTABLISH A TOKAY VINEYARD
IN SAN JOAQUIN COUNTY

	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year
Yield, boxes shipped						208	415
tons winery			2.5	5.5	7.5	6.3	3.6
total tons			2.5	5.5	7.5	9.0	9.0
PRE-HARVEST CASH COSTS:							
Land preparation and layout	20.00						
Planting: 16 man hrs.; 2nd yr. 1 hr.; 3rd yr. .5 hr.	24.00	1.50	.75				
Rootings (Tokay) @ 10¢	43.50	3.00	1.00				
Staking: 10 man hrs.		15.00					
Stakes: 6 ft. 435 6' @ 27¢ treatment		117.45					
Irrigation: 12 man hrs.	18.00	18.00	18.00	18.00	18.00	18.00	18.00
Water: Power cost	6.50	6.50	6.50	6.50	6.50	6.50	6.50
Tillage, Irrig. Prep. & Hoe	13.50	13.50	13.50	13.50	13.50	13.50	13.50
Rabbit control, labor material	7.50	2.50					
Dusting and spraying			5.00	5.00	6.00	6.00	6.00
Dust and spray material			7.50	7.50	10.50	10.50	10.50
Prune, tie, train, sucker, etc.		31.50	24.00	27.00	30.00	30.00	30.00
Twine		3.00	3.00	.60			
Fertilize: 1 man hr. + .5 tr. hour			2.38	2.38	2.38	2.38	2.38
Fertilizer: 25# N 4th & 5th yr.; 30# N 6th & 7th yr.			3.25	3.25	3.90	3.90	3.90
Thinning:						18.00	27.00
Miscellaneous labor & material	5.00	5.00	6.00	8.00	14.00	14.00	14.00
TOTAL CULTURAL LABOR & MATERIALS	138.00	216.95	90.88	91.73	104.78	122.78	131.78
HARVESTING COSTS:							
Shipping fruit total @ 1.31 per box						272.48	543.65
Winery: pick and haul 14.50 per ton			34.80	79.75	108.75	91.35	52.20
TOTAL HARVESTING COSTS			34.80	79.75	108.75	363.83	595.85
CASH OVERHEAD COSTS:							
General Expenses	6.90	10.85	6.28	8.57	10.68	24.33	36.38
County Taxes	18.00	18.00	22.00	22.00	30.00	30.00	30.00
Repairs, Ins., Misc. cash costs	5.00	5.50	6.50	6.50	6.50	6.50	6.50
TOTAL CASH OVERHEAD	29.90	34.35	34.78	37.07	47.18	60.83	72.88
DEPRECIATION AND INTEREST:							
Depreciation on buildings, irrigation facilities and equipment	21.00	21.00	21.00	21.00	21.00	21.00	21.00
Interest @ 6% on Fac. & equipment	8.70	8.70	8.70	8.70	8.70	8.70	8.70
Interest on land (\$1,200 value)	72.00	72.00	72.00	72.00	72.00	72.00	72.00
Interest on accumulated costs		16.18	38.33	50.86	60.45	69.34	74.14
TOTAL DEPRECIATION AND INT.	101.70	117.88	140.03	152.56	162.15	171.04	175.84
TOTAL CURRENT COSTS	269.60	369.18	300.49	361.11	422.86	718.48	976.35
CREDIT FOR FRUIT*			91.55	201.41	274.65	638.39	953.53
NET TOTAL CURRENT COSTS	269.60	369.18	208.94	159.70	148.21	80.09	+22.82
ACCUMULATED COSTS	269.60	638.78	847.72	1007.42	1155.63	1235.72	1258.54

*1961-65 Five-year average price, winery fruit 36.62 per ton.

*1961-65 Five-year average price, shipping fruit \$1.96 per lug.

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