



TOKAY GRAPES

COST OF ESTABLISHING A VINEYARD
IN SAN JOAQUIN COUNTY - 1962

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IN SAN JOAQUIN COUNTY

Sample Costs Presented Here Are Based On:

I

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

II

Actual costs from growers who recently developed a Tokay 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.

Winery fruit at \$37.31 per ton

Shipping fruit at \$1.98 per 28-lb. lug.

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						126	210
tons winery			2.5	5.5	7.5	6.2	5.5
total tons			2.5	5.5	7.5	8.0	8.5
PRE-HARVEST CASH COSTS:							
Land preparation and layout	\$20.00						
Planting: 18 Man hrs.; 2nd yr. \$1.25; 3rd yr. .5 hr.	22.50	1.25	.63				
Rootings (Tokay) @ 10¢	43.50	3.00	1.00				
Staking: 10 man hrs.		12.50					
Stakes: 6 ft. 435 6' @ 27¢ treat.		117.45					
Irrigation: 12 man hrs.	15.00	15.00	15.00	15.00	15.00	15.00	15.00
Water: Power cost	7.00	9.00	9.00	9.00	9.00	9.00	9.00
Tillage, Irrig. Prep.	17.90	17.90	17.90	17.90	17.90	17.90	17.90
Rabbit control, labor material	4.50	4.50					
Dusting and spraying			4.50	4.50	5.70	5.70	5.70
Dust and spray material*			7.50	7.50	9.90	9.90	9.90
Prune, tie, train, sucker, etc.		26.25	26.25	26.25	26.25	26.25	26.25
Twine		3.00	3.00	.60			
Fertilize: 1 man hr. + .5 tr. hr.			2.05	2.05	2.05	2.05	2.05
Fertilizer: 25# N 4th & 5th yr.; 30# N 6th & 7th yr.			2.38	2.38	2.85	2.85	2.85
Thinning:						15.00	20.00
Miscellaneous labor & material	2.00	3.00	5.00	7.50	10.00	12.50	15.00
TOTAL CULTURAL LABOR & MATERIALS	132.40	212.85	94.21	92.68	98.65	116.15	123.65
HARVESTING COSTS:							
Shipping fruit total @ 1.20/box						151.20	252.00
Winery: pick and haul			30.00	55.00	75.00	62.00	55.00
TOTAL HARVESTING COSTS:			30.00	55.00	75.00	213.20	307.00
CASH OVERHEAD COSTS:							
General Expenses	6.62	10.64	6.21	7.38	8.68	16.47	21.53
County Taxes	16.00	16.00	18.00	18.00	20.00	20.00	20.00
Repairs, Ins. Misc. cash costs	4.00	4.50	5.50	5.50	5.50	5.50	5.50
TOTAL CASH OVERHEAD:	26.62	31.14	29.71	30.88	34.18	41.97	47.03
DEPRECIATION AND INTEREST:							
Depreciation on buildings, irrigation facilities and equipment	13.00	13.00	13.00	13.00	13.00	13.00	13.00
Interest @ 6% on Fac. & equip.	7.80	7.80	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	60.00	60.00
Interest on accumulated costs		14.39	34.74	45.31	51.28	54.88	56.46
TOTAL DEPRECIATION AND INT.:	80.80	95.19	115.54	126.11	132.08	135.68	137.26
TOTAL CURRENT COSTS	239.82	339.18	269.46	304.67	339.91	507.00	614.94
CREDIT FOR FRUIT**			93.28	205.21	279.83	480.80	621.01
NET TOTAL CURRENT COSTS	239.82	339.18	176.18	99.46	60.08	26.20	+6.07
ACCUMULATED COSTS	239.82	579.00	755.18	854.64	914.72	940.92	934.85

* When spraying for red spider is necessary, add approximately \$10 per acre.

** 1957-61 Five-year average price, winery fruit 37.31 per ton.

** 1957-61 Five-year average price, shipping fruit \$1.98 per lug.

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