

GR-VN-59



TOKAY GRAPES

COST OF ESTABLISHING A VINEYARD

IN SAN JOAQUIN COUNTY - 1959

UNIVERSITY OF CALIFORNIA AGRICULTURAL EXTENSION SERVICE

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COST OF ESTABLISHING A TOKAY VINEYARD
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

Interest Charges of 6% for:

- Land valued at \$1,000 per acre.
- Buildings, irrigation facilities and equipment valued at \$200 per acre. Interest is determined on one-half the original value and does not include the owner's home, tractor or truck.
- Tractor interest charge based on 7 hours use at \$.55 per hour.

IV

Depreciation based on:

- Building, irrigation facilities and equipment valued at \$200 per acre with expected life of 20 years.
- Tractor depreciation based on 7 hours use at \$1.20 per hour.

V

Credit for fruit produced based on 1955-58 average price.

- Winery fruit at \$33.63 per ton.
- Shipping fruit at \$1.775 per 28-lb. lug.

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 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 & layout	\$20.00						
Planting: 18 man hours	19.80	1.10	.55				
Rootings (Tokay) @ 8¢	34.80	2.00	.80				
Staking		11.00					
Stakes: 4 ft. @ 18¢		78.30					
Irrigation: 12 man hours	13.20	13.20	13.20	13.20	13.20	13.20	13.20
Water: Power cost	7.00	9.00	9.00	9.00	9.00	9.00	9.00
Tillage and hoeing	13.50	13.50	13.50	13.50	13.50	13.50	13.50
Rabbit control, labor mater.	4.50	4.50					
Dusting and spraying		.55	2.20	6.00	12.00	12.00	12.00
Dust and spray material		1.00	2.50	6.00	12.00	12.00	12.00
Prune, tie, train, sucker, etc.		24.00	24.00	24.00	24.00	24.00	24.00
Twine		3.00	3.00				
Fertilize			1.60	1.60	1.60	1.60	1.60
Fertilizer			2.60	2.60	3.90	3.90	3.90
Thinning						13.20	17.60
Misc. labor & material	2.00	3.00	5.00	7.50	10.00	12.50	15.00
County taxes	16.00	16.00	18.00	18.00	20.00	20.00	24.00
Office, car, oper. cap., etc.	6.50	9.00	6.00	8.00	12.00	16.00	18.00
Repairs except tractor & truck	5.00	5.00	5.00	5.00	5.00	5.00	5.00
TOTAL PRE-HARVEST CASH COST	\$142.30	194.15	106.95	114.40	136.20	155.90	168.80
HARVESTING COSTS							
Shipping total @ \$1.10/bx.						138.60	231.00
Winery: pick and haul			30.00	55.00	75.00	62.00	55.00
Total Harvesting			30.00	55.00	75.00	200.60	286.00
Total Cash Costs	142.30	194.15	136.95	169.40	211.20	356.50	454.80
DEPRECIATION COST:							
Buildings, irrigation facilities & equipment	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Tractor	8.40	8.40	8.40	8.40	8.40	8.40	8.40
Total Depreciation	18.40	18.40	18.40	18.40	18.40	18.40	18.40
Total Cash & Depreciation	160.70	212.55	155.35	187.80	229.60	374.90	473.20
INTEREST ON INVESTMENT @ 6%:							
Buildings, irrigation facilities & equipment	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Tractor	3.85	3.85	3.85	3.85	3.85	3.85	3.85
Land @ \$1,000 per A.	60.00	60.00	60.00	60.00	60.00	60.00	60.00
Interest on accumulated costs		13.83	31.61	41.97	48.85	54.61	58.65
Total interest on investment	69.85	83.68	101.46	111.82	118.70	124.46	128.50
Total Cost For Year	230.55	296.23	256.81	299.62	348.30	499.36	601.70
Credit for Fruit*			84.08	184.97	252.23	432.16	557.72
Net Cost for Year	230.55	296.23	172.73	114.65	96.07	67.20	43.98
Total Accumulated Cost	230.55	526.78	699.51	814.16	910.23	977.43	1021.41

*1955-58 4-year average price winery fruit \$33.63 per ton.
 1955-58 4-year average price shipping fruit \$1.775 per lug.