

TOKAY GRAPES

COST OF PRODUCTION
SAN JOAQUIN COUNTY - 1962



UNIVERSITY OF CALIFORNIA AGRICULTURAL EXTENSION SERVICE

UC Cooperative Extension

TOKAY GRAPES - COST OF PRODUCTION IN

SAN JOAQUIN COUNTY

Sample Costs Presented Here Are Based On:

I

Good Producing, Good Shipping Vineyard

oOo 9 Tons Per Acre... 60% Shipped, 40% Winery Fruit

oOo The 378 Lugs Shipped Are Above Average For The Lodi District. It Represents What A Grower Can Obtain With A Good Vineyard And Good Management.

II

oOo Actual Costs From Better Producing Vineyards

oOo Recommended Practices

III

REMEMBER - These Are Not Average Costs, But Costs Based On Good Cultural Practices To Produce Quality Tokays For Shipping.

WHAT ARE YOUR YIELDS?

WHAT ARE YOUR COSTS?

MAKE A COMPARISON

COST ANALYSIS WORK SHEET

SAMPLE COSTS TO PRODUCE TOKAY / GRAPES IN SAN JOAQUIN COUNTY

Based on a yield of 9 tons per acre with 5.40 tons (378 lugs*) shipped and 3.60 tons to winery.

Man labor at \$1.25 and \$1.50 per hour; medium wheel tractor at \$1.10 cash costs per hour.

	Sample Costs		Your Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
PRE-HARVEST CASH COSTS				
Pruning - 22 man hours	\$ 27.50			
Brush disposal-remove large wood & disc	2.85			
Fertilize-3/4 man and 1/2 tractor hour	1.49			
Fertilize-30 lbs. nitrogen	2.85			
Dust & spray: application	4.50			
Dust & spray material	10.00			
Till.irrig.,prep. & hoe-10 man hrs.4 tractor hours	17.90			
Irrigate - 12 man hours	15.00			
Water - power cost	9.00			
Misc. labor - 4 man hrs. + 2 truck hrs.	7.40			
Miscellaneous material	5.00			
County taxes	24.00			
Office, car, operating capital, etc.	15.85			
Repairs - except tractor	5.00			
TOTAL PRE-HARVEST CASH COSTS EXCPT. THINNING:	\$ 148.34	\$ 16.48:		
DEPRECIATION				
Vines & stakes: cost \$935 - 30-year life	31.17			
Bldgs., irrigation facilities & equipment	13.00			
Tractor 8 hours @ \$.48	3.84			
TOTAL DEPRECIATION COSTS	\$ 48.01	\$ 5.34:		
INTEREST ON INVESTMENT @ 6%				
Vines & stakes on 1/2 original cost (\$468)	\$ 28.08			
Building, irrig. facilities & equipment average value \$130 per acre	7.80			
Tractor - 8 hours @ \$.22	1.76			
Land at \$1,000	60.00			
TOTAL INTEREST ON INVESTMENT	\$ 97.64	\$ 10.85:		
TOTAL COSTS EXCEPT HARVEST & THINNING	\$ 293.99	\$ 32.67:		
COST OF PRODUCING SHIPPED FRUIT	Per Ton	Per Lug		
Total cost except harvesting & thinning	32.67	.47		
Thinning at \$25 per acre	4.63	.07		
Pick, lid and haul	32.20	.46		
Boxes, lids, liners, pads, etc.	32.90	.47		
Other shed costs:load,insp.precool,comm.etc.	19.60	.28		
TOTAL COST OF SHIPPED FRUIT	\$ 122.00	1.75		
COST OF PRODUCING WINERY FRUIT				
Total Cost except Harvest	32.67			
Pick and Haul	10.00			
TOTAL COST OF WINERY FRUIT	42.67			
COSTS AT VARYING YIELDS				
Yields-tons per acre (60% shipped)	7.0	8.0	9.0	10.0
Total cost shipped fruit per lug	1.88	1.81	1.75	1.70
Total cost per ton winery fruit	52.00	46.75	42.67	39.40
If winery fruit brings \$40 per ton then cost/lug shipped would be:	1.99	1.87	1.78	1.69

*70 standard shipping lugs are equivalent to one ton.

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