

TOKAY GRAPES

COST OF PRODUCTION

SAN JOAQUIN COUNTY - 1966



AGRICULTURAL EXTENSION SERVICE
UNIVERSITY OF CALIFORNIA

San Joaquin Co.

UC Cooperative Extension

TOKAY GRAPES - COST OF PRODUCTION IN SAN JOAQUIN COUNTY

SAMPLE COSTS PRESENTED HERE ARE BASED ON:

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- oOo An 80-acre Tokay table grape vineyard with above average production and good shipping quality.
- oOo 9 tons per acre - 60% shipped, 40% winery fruit. This will vary from year to year depending on weather and market. Yields and percentage of crop shipped are the most important factors affecting costs per ton and profit per acre.

II

- oOo Cost based on good management practices.
- oOo Recommended practices.

III

REMEMBER - These are not average costs, but costs based on good cultural practices to produce quality Tokays for shipping. They are not intended to represent industry averages.

WHAT ARE YOUR YIELDS?

WHAT ARE YOUR COSTS?

MAKE A COMPARISON

COST ANALYSIS WORK SHEET

SAMPLE COSTS TO PRODUCE TOKAYS IN SAN JOAQUIN COUNTY - 1966

Based on a yield of 9 tons per acre with 5.40 tons (415 lugs) shipped and 3.60 tons to winery.

Man labor at \$1.50 & \$1.75 per hour; (includes Workmens Compensation, Social Security and Other Benefits); medium wheel tractor at \$1.25 cash costs per hour.

	Man Labor per Acre		Cash Costs per Acre		Total per Acre	Your Costs
	Hours	Cost	Equip-ment	Materials & Other Costs		
<u>PRE-HARVEST CASH COSTS</u>						
Pruning	24.00	36.00			36.00	
Brush Disposal (Contract)				3.00	3.00	
Fertilize 30# N	.75	1.31	.63	3.90	5.84	
Pest & Disease Control* (6 Dustings Contract)	2.50	4.38	3.13	10.50 7.20	25.21	
Tillage, Irrig. Prep.	3.00	5.25	3.75		9.00	
Chemical Weed Control	.75	1.31	.94	5.00	7.25	
Irrigation	14.00	21.00		6.50	27.50	
Thinning	18.00	27.00			27.00	
Misc. Labor, Material & Repairs	4.00	6.50	8.50	5.00	20.00	
PRE-HARVEST COSTS					160.80	

* If treatments for nematodes are required, the cost would be approximately \$34.00 per acre for material plus the added costs for flood irrigation.

				Total Per Acre
HARVESTING:				
Field pack, pick, lid and haul .51/box				211.65
Boxes, lids, liners, pads, etc., at .43/box				178.45
Packing shed costs: load, inspect, pre-cool, com- mission, etc., @ .37/box				153.55
Winery fruit; pick and haul @ 14.50/ton				52.20
TOTAL HARVEST COSTS				595.85
CASH OVERHEAD:				
Cash Overhead (office, accounting, auto, insurance, etc.)				37.83
County Taxes				30.00
TOTAL CASH COSTS				824.48
	Investment per Acre	Deprecia- tion	Interest (6%)*	
Land	1,200.00	-	72.00	
Vines (33 yr. life)	1,260.00	38.18	37.80	
Buildings (25 yr. life)	50.00	2.00	1.50	
Irrig. fac. (20 yr. life)	100.00	5.00	3.00	
Tractors (10 yr. life)	70.00	7.00	2.10	
Other equip. (10 yr. life)	70.00	7.00	2.10	
	<u>2,750.00</u>	<u>59.18</u>	<u>118.50</u>	
TOTAL DEPRECIATION				59.18
TOTAL INTEREST ON INVESTMENT				118.50
TOTAL COST OF PRODUCTION PER ACRE				1,002.16
TOTAL COST PER LUG AND PER TON IS SHOWN ON SUMMARY SHEET				

* On $\frac{1}{2}$ original cost except land.

SUMMARY SHEET - TOKAY TABLE GRAPES
SAMPLE COSTS OF PRODUCING SHIPPED FRUIT

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	Per Ton			Per Lug	
	Sample	Your Costs		Sample	Your Costs
Total cost except harvesting and thinning	42.14			.55	
Thinning	5.00			.06	
Pick, lid and haul	39.27			.51	
Boxes, lids, liners, pads, etc.	33.11			.43	
Shed costs: load, inspect, pre-cool, commission, etc.	28.49			.37	
TOTAL COST OF SHIPPED FRUIT	148.01			1.92	
<u>COST OF PRODUCING WINERY FRUIT:</u>					
Total cost except harvest	42.14				
Pick and haul	14.50				
TOTAL COST OF WINERY FRUIT	56.64				
<u>COST AT VARYING YIELDS:</u>					
Yields - Tons per acre (60% shipped, 40% winery)	7.0	8.0	9.0	10.0	11.0
Total cost per lug of shipped fruit	2.10	2.00	1.92	1.86	1.81
Total cost per ton of winery fruit	68.59	61.91	56.64	52.43	48.98

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