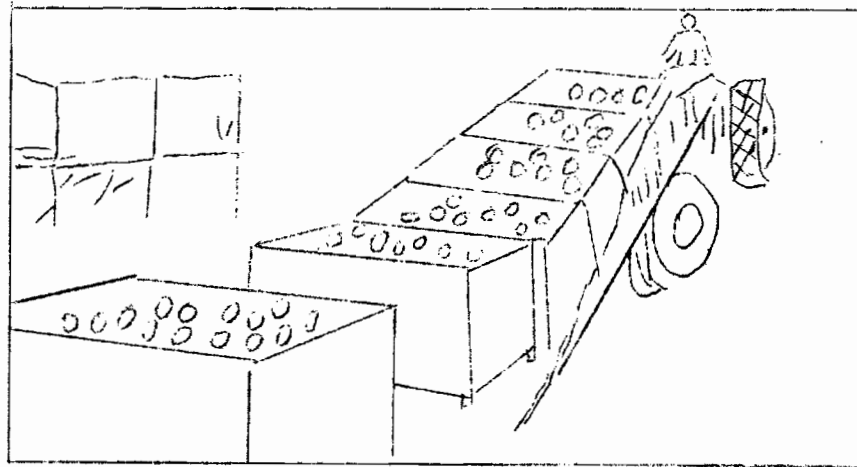


SAMPLE COSTS OF PRODUCING

DIRECT SEEDED



CANNING TOMATOES

April 1969

University of California, Agricultural Extension Service,
Merced County

Canning Tomatoes on Rented Land - cont'd

<u>Depreciation</u>				
80 h.p. tracklayer: 2 hrs. @ \$1.80	3.60			
80 h.p. wheel tractor: 1 hr. @ \$1.66	1.66			
50 h.p. wheel tractor: 5-1/12 hrs. at 74¢	3.76			
Other equipment: \$90.00 - 10 yrs. life	9.00			
<u>Total Depreciation</u>	18.02	.90		
<u>Interest on Investment at 7%</u>				
80 h.p. tracklayer: 2 hrs. @ 72¢	1.44			
80 h.p. wheel tractor: 1 hr. @ 66¢	.66			
50 h.p. wheel tractor: 5-1/12 hrs. @ 30¢	1.52			
Other equipment: 1/2 cost \$45.00	3.15			
<u>Total Interest on Investment</u>	6.77	.34		
<u>Total Costs of Production</u>	557.32	27.87		

Sample Costs Per Ton at Varying Yields

Yield: Tons Per Acre	15	18	21	24	27	30	33	36
Cash costs of production per ton	31.50	28.25	25.93	24.19	22.83	21.75	20.86	20.12
Total cost of production per ton	33.16	29.63	27.11	25.22	23.75	22.58	21.62	20.81

Sample Costs Per Ton at Indicated Yields With Varying Water Costs

Yield: Tons Per Acre	Total Cost per ton for canning tomatoes at the indicated water cost per acre foot.					
	\$1.00	\$3.00	\$6.00	\$12.00	\$15.00	\$18.00
15	31.35	31.75	32.35	33.55	34.15	34.75
18	28.13	28.46	28.96	29.96	30.46	30.96
21	25.82	26.11	26.54	27.40	27.82	28.25
24	24.10	24.35	24.72	25.47	25.85	26.22
27	22.75	22.97	23.31	23.97	24.31	24.64
30	21.68	21.88	22.18	22.78	23.08	23.38
33	20.80	20.98	21.25	21.80	22.07	22.34
36	20.06	20.23	20.48	20.98	21.23	21.48

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Merced County

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Statewide

April - 1969

Canning Tomatoes on Rented Land
Cost Analysis Work Sheet 1968 - 1969

This is a composite sample cost of several counties, from Merced County south to Kern County. Some of the operations listed may not be applicable to your farming operation.

Sample Costs to produce canning tomatoes in Merced County. Based on a yield of 20 tons per acre, mechanically harvested. Man labor \$1.90 per hour total and equipment operator \$2.10, including Social Security and Workman's Compensation Insurance. Tractors: 80 h.p. tracklayer per hour. Cash costs \$3.20, depreciation \$1.80 and interest 72¢. 80 h.p. wheel diesel \$2.95, \$1.66 and 66¢. 50 h.p. wheel diesel tractor \$1.40, 74¢ and 30¢.

Machine harvest costs reflect statewide averages.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
Pre-harvest Cash Costs				
Plow IX: 1/2 hr. man and 80 h.p. - crawler	2.65			
Float IX: 1/2 hr. man and 80 h.p. - crawler	2.65			
Landplane IX: 1/2 hr. man & 80 h.p. - crawler	2.65			
Pre-irrigate: water, 6" @ \$12.00 ac. ft., Includes \$2.00 ac. ft. for booster pump	6.00			
Labor: \$2.38 per acre	2.38			
Disc. IX: 1/2 hr. man & 80 h.p. - crawler	2.65			
List and fertilize: 90 lbs. N. at 5¢ 1 hr. man & 80 h.p. - wheel tractor	5.05			
Incorporate herbicide, fertilize & plant 1-1/4 hr. 2 men & 50 h.p.-wheel tractor	6.75			
Fertilizer: 15 lbs. N., 22 lbs. P (50 lbs. P ₂ O ₅)	8.50			
Herbicide: 3 lbs. @ \$5.00 (treats 1/2 area)	15.00			
Seed: 1 lb. @ 12.00	12.00			
Irrigate up 3 times				
Water: 6" @ \$12.00 ac. ft. inc. booster	6.00			
Labor: \$1.75 per time	5.25			
Crop irrigations: 5X furrow method				
Water: 2 ft. @ \$10.00 ft. (no booster)	20.00			
Labor: 7 hrs. @ \$1.90	13.30			
Cultivate 3 times				
1-1/2 hrs. man & 50 h.p. wheel tractor	5.25			
Thin and Weed				
15 hrs. labor @ \$1.90	28.50			
Pest Control: custom				
Materials and application	27.00			
Misc., inc. 2 hrs. man & 50 h.p. Wheel tractor	10.00			
Repairs to equipment except tractors	12.00			
Rent	60.00			
Office, car, operating capital, business costs	23.28			
Supervision	10.00			
Total Pre-harvest Cash Costs	291.36	14.57		
Harvesting Costs				
Field preparation for harvest				
1/3 hr. man & wheel tractor	1.17			
*Custom harvest \$12.00 ton	240.00			
Total Harvesting Costs	241.17	12.06		
Total Cash Costs	532.53	26.63		

*1968 experience indicated harvesting costs ranging between \$9.00 and \$14.00 per ton, depending upon yield, size of operation and experience with mechanical harvesting.