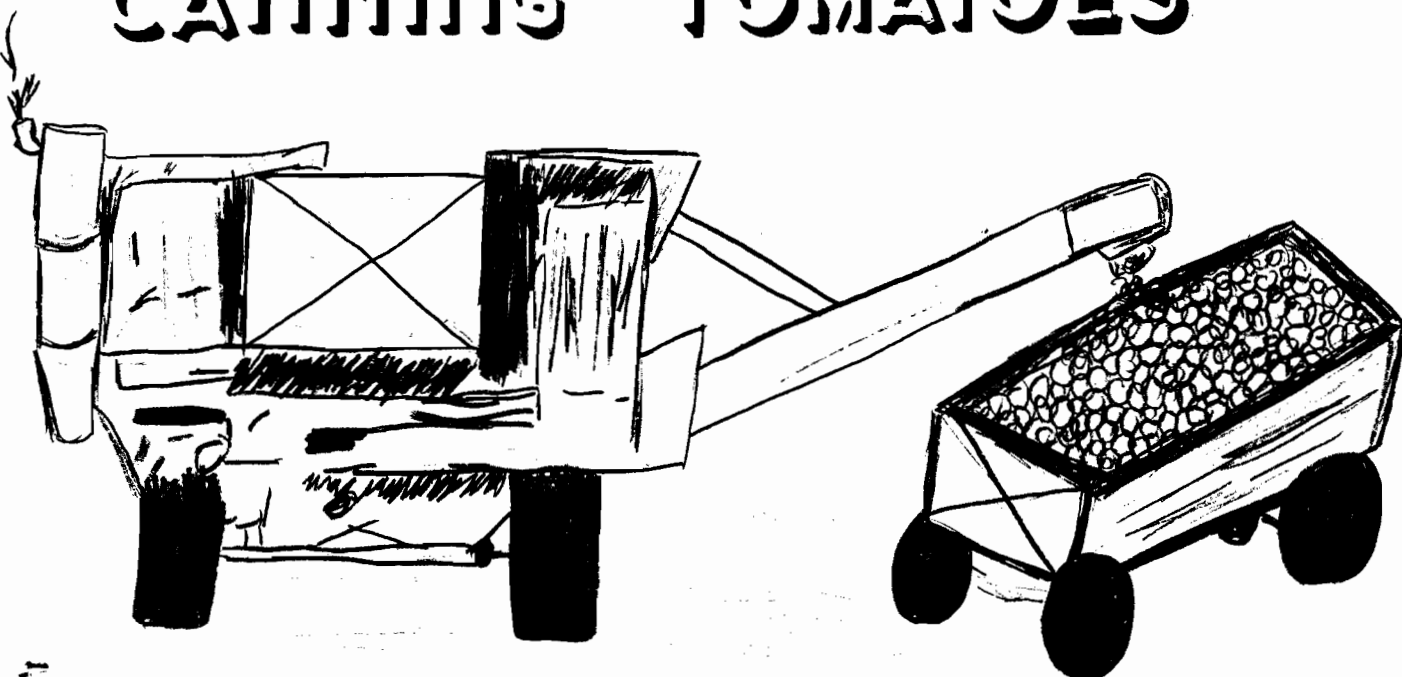


JULY, 1974

Sample Costs of Producing
DIRECT SEEDED
MECHANICAL HARVESTED
CANNING TOMATOES



University of California, Agricultural Extension Service
Merced County

UC Cooperative Extension

**CANNING TOMATOES ON RENTED LAND
COST ANALYSIS WORK SHEET - 1974**

Sample costs to produce canning tomatoes in Merced County. Based on a yield of 24 tons per acre, mechanically harvested. Man labor \$2.90 per hour total and equipment operator \$3.40, including Social Security and Workman's Compensation insurance. Tractors: 80 h.p. tracklayer per hour cash costs \$6.21, depreciation \$2.88 and interest \$2.16. 80 h.p. wheel diesel \$3.37, \$1.84 and 92c. 50 h.p. wheel diesel tractor \$2.28, \$1.34 and 67c.

	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Ton	Per Acre	Per Ton
PRE-HARVEST CASH COSTS:				
Plow 1X: 1/2 hr. man and 80 h.p. - crawler	\$ 4.80			
Float 1X: 1/2 hr. man and 80 h.p. - crawler	4.80			
Landplane 1X: 1/2 hr. man and 80 h.p.-crawler	4.80			
Disc. 1X: 1/2 hr. man & 80 h.p. - crawler	4.80			
List and starter fertilizer:				
70 lbs. 11-37-0 - custom applied	15.50			
Incorporate herbicide, plant - custom	12.00			
Herbicide	12.00			
Seed: 1 lb. @ 13.00	13.00			
Irrigate up, 2 times				
Labor: \$2.50 per time	5.00			
Side Dress Fertilizer: 100 lbs. N @ 20c	20.00			
Application \$4.50 per acre	4.50			
Crop irrigations: 6X furrow method				
Labor: 7 hrs. @ \$2.90	20.30			
Cultivate 3 times				
1-1/2 hrs. man and 50 h.p. wheel tractor	8.52			
Thin and Weed	40.00			
Pest Control: Custom-materials & application	25.25			
Misc., inc. 2 hrs. man & 50 h.p.				
wheel tractor	14.00			
Repairs to equipment, except tractors	17.00			
Rent: includes water	150.00			
Office, car, operating capital, business costs	49.84			
Supervision	12.00			
TOTAL PRE-HARVEST CASH COSTS	438.11	\$18.25		
HARVESTING COSTS:				
Field preparation: 1/3 hr. 50 hp. wheel trac.	1.89			
* Machine harvest \$18.00/ton	432.00			
Inspection fee (growers share = 16c ton)	3.84			
Beet Leafhopper control fee 5.2c/ton	1.25			
TOTAL HARVESTING COSTS	438.98	\$18.29		
MISC. CASH COSTS:				
Marketing Order Assessment 6c/ton	1.44			
Association Dues 8c ton	1.92			
TOTAL CASH COSTS	880.45	\$36.68		

* Costs may range between \$16.00 and \$20.00 per ton, depending upon yield, size of operation and experience with mechanical harvesting.

CANNING TOMATOES ON RENTED LAND - cont'd

DEPRECIATION:				
80 h.p. tracklayer: 2 hrs. @ \$2.88	\$ 5.76			
50 h.p. wheel tractor: 3-5/6 hrs. @ \$1.34	5.14			
Other equipment: \$120 - 12 yrs. life	10.00			
TOTAL DEPRECIATION	20.90	.87		
INTEREST ON INVESTMENT AT .8%:				
80 h.p. tracklayer - 2 hrs. @ \$2.16	4.32			
50 h.p. wheel tractor: 3-5/6 hrs. @ 67¢	2.57			
Other equipment: 1/2 cost \$60.00	4.80			
TOTAL INTEREST ON INVESTMENT	11.69	.49		
TOTAL COSTS OF PRODUCTION	\$913.04	\$38.04		

SAMPLE COSTS PER TON AT VARYING YIELDS

Yield: Tons Per Acre	18	21	24	27	30	33	36	39
Cash costs of production per ton	42.72	39.22	36.68	34.57	32.94	31.61	30.49	29.51
Total cost of production per ton	44.53	40.78	38.04	35.78	34.03	32.59	31.40	30.39

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