

SAMPLE COSTS TO PRODUCE FRESH MARKET TOMATOES IN MONTEREY COUNTY - 1981
By J. W. Huffman, S. Mendivil, and E. A. Yeary

YIELD: 1050 30# boxes per acre (315 cwt)
HARVEST: August through October
PLANT: March through May

LABOR COSTS/HR¹

			HOURLY TRACTOR COSTS		
			Cash Costs	Depreciation	Interest
Cl. I Tractor Driver	9.32	80 h.p. Crawler Diesel	14.51	6.33	4.75
Cl. II Tractor Driver	9.11	60 h.p. Wheel Diesel	6.35	2.25	1.69
Irrigator	8.15				
Other Labor	8.02				

Operation	Tractor Used	Hour/Acre	Labor	Fuel & Repairs	Contracts & Materials	Total/Acre
CULTURAL:						
Subsoil 2x	C-80	1.24	11.30	21.63		32.93
Disc & Roll 3x	C-80	0.69	6.29	12.24		18.53
Chisel 2x	C-80	1.0	6.01	10.67		16.68
Level 2x	C-80	0.52	4.74	9.61		14.38
List & Preplant					Contract @ \$8.00/Ac. 500# 5-17-17 @ \$59.25	67.25
Shape Beds & Roll	WD-60	0.25	2.28	1.84		4.12
Transplant ²	WD-60	8.0	62.57	10.60	6000 plants at \$29.00/M \$174.00	247.17
Herbicide 2x					Contract application \$19.00, materials \$26.00	45.00
Irrigate 5x (1 pre, and 4 furrow)		6.5	52.98		2.5 Ac. Ft., \$36.00/Ft. for power	142.98
Fertilizer sidedress 2x					Contract @ \$7.25/Ac. 200# N @ 0.44/Lb.	102.50
Pest Control 2x					Contract @ \$8.25/Ac. materials @ \$35.50	52.00
Cultivate 4x	WD-60	2.0	18.22	12.70		30.92
Hoe & Weed		5.0	40.10			40.10
Miscellaneous		4.0	33.17	6.35		39.52
CULTURAL COSTS						854.08
Overhead: 17% interest on operating capital						301.38
Business Costs: Office & Business Expense, etc., @ 8% of cultural costs						68.33
Taxes: Equipment, except tractors						5.00
Rent: \$400.00/Ac.						400.00
OVERHEAD COSTS						774.71
CULTURAL AND OVERHEAD COSTS						1,628.79
HARVEST: Pick, haul and pack (includes sales commission)						3,675.00
TOTAL CULTURAL, OVERHEAD AND HARVEST COSTS						5,303.79

(see reverse side)

ANNUAL COSTS:

<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest - 15%</u>	
Buildings	60.00	3.00	4.50	
Irrigation System	300.00	30.00	22.50	
Tractors	190.00	28.03	21.04	
Equipment	200.00	20.00	15.00	
	<u>750.00</u>	<u>81.03</u>	<u>63.04</u>	144.07
<u>TOTAL COST PER ACRE</u>				5,447.86
<u>COST PER CARTON</u>				5.19

Management has not been included as a cost of production in this study.

- /1 Labor costs per hour include fringe benefits paid by the farmer. Social Security, workmen's compensation, unemployment, health plan, vacation, pension plan, and paid holidays.
- /2 Estimate more than 60% of Monterey County fresh market tomatoes are transplanted.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

<u>YIELD: CTNS/ACRE</u>	<u>950</u>	<u>1000</u>	<u>1050</u>	<u>1100</u>	<u>1150</u>
CULTURAL COSTS	854.08	854.08	854.08	854.08	854.08
OVERHEAD	759.83	767.27	774.71	782.14	789.58
HARVEST COSTS	3,325.00	3,500.00	3,675.00	3,850.00	4,025.00
ANNUAL COSTS	144.07	144.07	144.07	144.07	144.07
COST/ACRE	5,082.98	5,265.42	5,447.86	5,630.29	5,812.73
COST/CARTON	5.35	5.27	5.19	5.12	5.05