

SAMPLE COSTS TO PRODUCE MACHINE HARVEST TOMATOES IN MONTEREY COUNTY - 1980

By J. W. Huffman and E. A. Yeary

YIELD: 30 Tons per acre
 HARVEST: August through October
 PLANT: March through May

LABOR COSTS/HR^{1/}

HOURLY TRACTOR COSTS

			Cash Costs	Depreciation	Interest
Cl. I Tractor Driver	8.58	80 h.p. Crawler Diesel	13.00	4.89	2.67
Cl. II Tractor Driver	8.44	50 h.p. Wheel Diesel	4.85	1.84	1.10
Irrigator	7.39				
Other Labor	7.28				

Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract and Materials	Total/Acre
CULTURAL						
Sub Soil 2x	C-80	1.24	10.47	18.88		29.62
Disc & Roll 3x	C-80	0.69	5.82	10.83		16.65
Chisel 2x	C-80	1.0	8.44	14.38		22.82
Level 2x	C-80	0.52	4.39	8.48		12.87
List & Preplant					Contract @ \$7.00/Ac. 500# 5-17-17 @ \$59.25	66.25
Snake Beds & Roll	WD-60	0.25	2.11	1.28		3.39
Plant 3 Bed Planter	WD-60	0.50	4.22	3.40	2.5 # Coated Seed @ \$60.00 10.00 Cutworm Control	77.62
Herbicide					Contract Application @ \$17.00 Materials \$25.00	42.00
Irrigate 10x (pre, 4 Sprinkler - 5 Furrow)		13.0	96.07	5.00	2.0 Ac. Ft., \$30.00/Ft. for Power, 4.00 for Booster Pump	165.07
Thin		5.5	40.44			40.04
Fertilizer side- dress 2x					Contract @ \$6.25 Ac. 125# N @ 0.32/Lb.	52.50
Pest Control 3x (incl. one fungi- cide application)					Contract @ \$8.00/Ac. Materials @ \$45.00	69.00
Cultivate 4x	WD-60	2.0	17.16	9.70		28.85
Hoe & Weed 2x		10	72.80			72.80
Ethephon Growth Regulator ^{2/}						
Miscellaneous						47.50

CULTURAL COSTS 746.99

<u>Overhead</u>		
Business Costs: Office & Business Expense, etc., @ 12 % of Cultural Costs		89.64
Taxes: Equipment, except Tractors		5.00
Rent: 400.00/Acre		400.00

OVERHEAD COSTS 494.64

CULTURAL AND OVERHEAD COSTS 1241.63

<u>Harvest</u>		
Machine @ 12.00/Ton		360.00
Prepare for Harvesting \$2.00/Ac.		2.00
Inspection fee 0.25/Ton		7.50

HARVEST COSTS 369.50

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD-TONS/ACRE	25	30	35
Cost to Grow	1241.63	1241.63	1241.63
Harvest Costs	308.25	369.50	430.75
Annual Costs	112.64	112.64	112.64
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TOTAL COST/ACRE	1662.52	1723.77	1785.02
Cost/Ton	66.50	57.46	51.00
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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/ Ethenon growth regulator is applied to about 20% of the counties acreage. Application is about \$7.00 per acre and materials cost \$28.00