

SAMPLE COSTS TO PRODUCE CANNING TOMATOES

1983

Sutter and Yuba Counties

Based on 1,000 acres of tomatoes on 1,000 acre ranch following wheat. Labor rates including fringe benefits \$4.00 and \$5.00 per hour.

Operation	Hrs. per acre	Cash and Labor Cost per acre			Cost
		Labor	Fuel & Repairs	Materials Kind & Quantity	
Land preparation					
plow	.5	\$ 2.50	\$17.54		\$ 20.04
stubble disc	.3	1.50	6.68		8.18
chisel	1.2	6.00	24.60		30.60
triplane	.5	2.50	10.28		12.78
disc 2x	.4	2.00	7.62		9.62
springtooth	.2	1.00	6.81		7.81
spiketooth	.2	1.00	4.01		5.01
list & fertilize	.3	1.50	4.16	\$20/acre for mix	25.66
pre-plant herbicide	.4	2.00	4.16	2/5 gal. Devranal & Tillam @ \$40/gal = \$16.00	22.16
plant (2 men)	.4	2.00	6.50	Seed - \$45/lb* (1.1/lb)	47.00
cultivate 3x	.5	2.50	6.92		9.42
electronic thin	.25	1.25	5.76		7.01
rolling cultivator	.2	2.50	2.72		5.22
hoe	5.0	20.00			20.00
ditch & ridge	.5	2.00	8.00		10.00
irrigate 6x	10.5	42.00		3 acre ft. @ \$10/ac ft. = \$30	72.00
fertilize				Material @ \$45 Application \$ 8)	53.00
herbicide	.4	2.00	4.16	1.2 pts treflan @ \$5.29/gal = \$7.94	14.10
insect control (3x)					60.00
custom					
etherel**					10.00
fungicide**					10.00
PCA					15.00
seasonal labor	11.0	11.00			11.00
pickup and truck			5.00		5.00
misc.		3.20			3.20
Interest on operating capital @ 15% for 6 months.					37.04
Total Operating Cost					\$530.85

* Average of several varieties

** 25% of the acreage

Operation	Hrs per acre	<u>Cash and Labor Cost per acre</u>			Cost
		Labor	Fuel & Repairs	Materials Kind & Quantity	
Harvest cost					
electronic sort	1.5	\$30.00	\$60.00		90.00
5 person crew					
hauling - 2 tractors	1.5	15.00	30.00		45.00
Total Harvest Cost					\$ 135.00
Cash overhead - (8% of operating and harvest cost)					53.27
Taxes on equipment					15.00
Rent					---
Total Cash Overhead					\$ 68.27
Management					\$ 40.00
Investment cost					
<u>per acre</u>		<u>depreciation</u> (15 years)	<u>interest @ 14%</u>		<u>Total</u>
\$1,086		\$72	\$76		\$148.00
Total Cost/Acre					\$922.12

EQUIPMENT

COST

1	4WD wheel tractor	300 HP	\$ 120,000.
2	2WD wheel tractors	150 HP @ \$60,000 ea	120,000.
2	Crawlers D-G	1.40 HP @ \$111,000 ea	222,000.
2	2WD well tractors	95 HP @ \$40,000 ea	80,000
2	Harvestors - electronic sort	@ \$190,000 ea	380,000
	Rollover plow & plow carrier		21,000
	Stubble disc 16'		20,000
	Triplane - 14'		14,000
	Chisel plow - rigid shank - 16'		5,000
	Springtooth harrow - 25'		8,500
	Spiketooth harrow - 25'		5,000
	Rolling cultivator - 3 bed		5,000
2	Sets of 2-160 gallon tanks - saddle mount	@ \$3,050/set	6,100
2	Planters - 3 row	@ \$2,100 ea	4,200
	Electronic Thinner - 3 row		9,500
25	Hoes @ \$15 ea		375
	Ditch closer		5,700
	V-Ditcher - 6'		5,000
4	Sleds - 15'	\$2,200 ea	8,800
	Portable pump with 30 HP motor		10,000
2	Pickups		20,000
2	Compact pickups		16,000

TOTAL

\$1,086,175