

UNIVERSITY OF CALIFORNIA  
 AGRICULTURAL EXTENSION SERVICE  
 Stanislaus County

February 1967

TYPICAL COSTS OF GROWING AND HANDLING CANNERY TOMATOES  
 Westside Stanislaus County

100 Acre Tomato Operation on 400 Acre Farm

Yield per acre

20 tons

Equipment, Field, Hoe & Thinning Labor:

\$1.50 per hour

Skilled Labor - \$1.75 per hour

FIELD OPERATIONS	Hours per acre	Labor	Fuel & Repairs	Contr. Service & Material	Per Acre	Per Ton
Disc 2x	.5	\$ .87	\$ 1.44	\$	\$ 2.31	
Subsoil	1.5	2.62	3.50		6.12	
Landplane	.6	1.05	1.87		2.92	
Springtooth 2x	.3	.52	1.15		1.67	
Harrow	.2	.35	1.05		1.40	
Plant & fertilize - 2 men	1.	1.75	.58		2.32	
Ditching & grade in 3x in prep to irrigate	.6	1.05	2.10		3.15	
Seed				6.40	6.40	
Fertilizer				15.50	15.50	
Insect control				24.00	24.00	
Thin & hoe 2x	22.	33.00			33.00	
Cultivate 3x	1.2	2.10	2.05		4.15	
Irrigate 7x	7.	10.50			10.50	
Water & power to pump				23.00	23.00	
Stake, grade roads	.5	.87	.60		1.47	
Misc. work	.3	.48			.48	
Pickup truck			1.27		1.27	
<b>TOTAL</b>	<b>35.7</b>	<b>\$ 55.16</b>	<b>\$ 15.61</b>	<b>\$ 68.90</b>	<b>\$139.66</b>	<b>\$ 6.98</b>

Misc. Cost

Office, telephone, hand tools, etc. and interest on operating capital 7%	\$ 25.00
Taxes PP	1.50
Insurance - fire and liability	2.13
Land rent per acre	80.00
Interest on equipment other than harvest equip.	3.40
Depreciation on equipment	12.20
<b>TOTAL</b>	<b>\$124.23 \$ 6.21</b>

(con't.)

# COST OF MECHANICAL TOMATO HARVEST

Average of 262 Harvesters in 1965

These costs include harvester and auxiliary equipment such as trailers, forklift, washing equipment, tractors, etc.

<u>Per Acre</u>	<u>Low</u>	<u>High</u>	<u>Average</u>	<u>Per Ton</u>
Labor	\$ 64.42	\$ 157.50	\$ 101.97	
Machine	3.19	63.83	21.92	
Other	6.58	39.47	20.92	
Overhead (machinery)	<u>34.47</u>	<u>186.73</u>	<u>64.00</u>	
Total	\$ <u>144.19</u>	\$ <u>353.79</u>	\$ <u>208.81</u>	\$ 10.44

TOTAL COSTS	<u>Acre</u>	<u>Ton</u>
Field operations	\$ 139.66	\$ 6.98
Miscellaneous costs	124.23	6.21
Harvest (machine)	<u>208.81</u>	<u>10.44</u>
TOTAL	\$ 472.70	\$ 23.63

Total cost of production & harvest by hand 1966 \$ 28.20

Total cost of production & harvest by machine 1966 23.63

Difference \$ 4.57