

Work Sheet

SAMPLE COSTS TO PRODUCE Tomatoes IN CONTRA COSTA COUNTY, 1964

| | Man Labor | | Cash Costs Per Acre | | Total Per Acre |
|---|------------------|--------------|---------------------|---|----------------|
| | Per Acre | | Equip-ment | Materials and Other Costs | |
| | Hours | Cost | | | |
| <u>PRE-HARVEST CASH COSTS:</u> | | | | | |
| Land preparation | | | | | |
| Disc 2X | .50 | .75 | 1.53 | | 2.28 |
| Subsoil 2X | 1.50 | 2.25 | 4.36 | | 6.61 |
| Plow | .75 | 1.13 | 2.29 | | 3.42 |
| Landplane | 1.00 | 1.50 | 3.25 | | 4.75 |
| Disc | .25 | .38 | .77 | | 1.15 |
| Chisel and Harrow | .33 | .50 | .99 | | 1.49 |
| Transplants (2 men @ 1.50/hr. 5 men @ 1.25/hr.) | 7.00 | 8.75 | 3.15 | 6,000 plants @7.50 per 1,000 = 37.50 | 56.90 |
| Cultivate | .75 | 1.13 | 1.05 | | 2.18 |
| Chisel Row Centers | .50 | .75 | .90 | | 1.65 |
| Cultivate | .75 | 1.13 | 1.05 | | 2.18 |
| Hoe | 5.00 | 6.25 | | | 6.25 |
| Furrow & Fertilize 75# N, 50# P ₂ O ₅ , 20# K ₂ O | .33 | .50 | .40 | 14.90 | 15.80 |
| Irrigate 2X | 2.50 | 3.13 | | Water 3/4 A-ft. 4.85 @ 6.50 | 7.98 |
| Cultivate | .33 | .50 | .40 | | .90 |
| Hoe | 4.00 | 5.00 | | | 5.00 |
| Furrow Out | .33 | .50 | .40 | | .90 |
| Spray 3X (by air) | | | | Application 7.50 Insecticide 12.00 | 19.50 |
| Irrigate 5X | 6.25 | 7.81 | | Water 3A-ft. 19.50 | 27.31 |
| Open, Close Ditches (4X) and Prep. Field for Harvest | 1.00 | 1.50 | 3.05 | | 4.55 |
| Misc. (Labor, Pick-up, Ins., Office, Phone & Supplies) | 4@1.50 3@1.25 | 9.75 | 4.95 | Materials 9.95 | 24.65 |
| Pre-Harvest Costs | 40.07 | 53.21 | 28.54 | 113.70 | 195.45 |

| | Man Labor Per Acre | | Cash Costs Per Acre | | Total Per Acre |
|---|----------------------------|---------------------|-------------------------|---|----------------|
| | Hours | Cost | Equip-ment | Materials and Other Costs | |
| HARVESTING: 20 Ton Crop | | | | | |
| Box Rent @ 1¢/box | | | | 42 box/T X 20 | 8.40 |
| Pick 17¢/box | | | | 840 box X 17¢ | 142.80 |
| Load 2¢/box | | | | 840 box X 2¢ | 16.80 |
| Inspect 17½¢/T | | | | 20 T X 17½¢ | 3.50 |
| Dockage at 3% | | | | 20 T @ 3% X 27.50 less | 15.90 |
| Rejects | | | | 1 3/4% X 20 T | 5.86 |
| Recruit & Trans. Harvest Labor | | | | \$40 X 33 men ÷ 100 | 13.20 |
| Housing, Field Trans. and Supervision of Harvest Labor | | | | 840 boxes X 4¢ + 25¢ per man/day (33 men X 30 days X 25¢ ÷ 100) | 36.08 |
| Tomato Growers Assn. dues | | | | 20 T X 10¢ | 2.00 |
| Labor Assn. Expense | | | | 25¢ membership + 20¢/man/day (33 men X 30 days X 20¢ ÷ 100) | 2.23 |
| Compensation Insurance | | | | 1.95/1.00 earned | 2.78 |
| Total Harvest Costs | | | | | 249.55 |
| Total Cash Exc. Taxes & Rent | | | | | 445.00 |
| Cash Overhead (office, accounting, auto, insurance, etc.) | | | | | 9.77 |
| County Taxes | | | | | |
| Cash Rent 20 Tons @ 20%/Acre, 25.00/Ton | | | | | 100.00 |
| TOTAL CASH COSTS | | | | | 554.77 |
| | <u>Investment Per Acre</u> | <u>Depreciation</u> | <u>Interest (6%) 1/</u> | | |
| Land | | | | | |
| Trees, vines, stand | | | | | |
| Buildings | | | | | |
| Irrigation facilities | | | | | |
| Tractors | | | | | |
| Other equipment | \$122.10 | \$11.19 | \$7.33 | | |
| Total | \$122.10 | \$11.19 | \$7.33 | | |
| Total Depreciation | | | | | 11.19 |
| Total Interest on Investment | | | | | 7.33 |
| TOTAL COST OF PRODUCTION PER ACRE | | | | | 573.29 |
| TOTAL COST PER TON on a 20 Ton Crop | | | | | 28.66 |

1/ On 1/2 original cost except land

Prepared by Edwin K. Stilwell .