

Yolo Co. Woodland Area 1985

TOMATOES (25 TONS PER ACRE)
 700 ACRES IN ROTATION FOLLOWING WHEAT OR CORN (1/2 EACH)
 TWO HARVESTER OPERATION (BOTH ELECTRONIC)

	HOURS/ ACRE	CASH COSTS PER ACRE				TOTAL
		LABOR	TRACTOR	IMPLT.	MATERIAL	
SEED BED PREPARATION:						
FALL WORK:						
PLOW 1/2 ACRES @ .4 HR/ACRE	.20	1.27	2.31	.81	-	4.40
LASERPLANE 10% ACRES @ \$120/AC.	-	-	-	-	12.00	12.00
SUBSOIL 1/2 AC. 2X AFTER WHEAT	.40	2.55	8.22	1.89	-	12.65
SUBSOIL 1/2 AC. 1X AFTER CORN	.20	1.27	4.11	.94	-	6.33
TRIPLANE 2X	.34	2.17	5.14	1.23	-	8.54
DISC 1X	.13	.83	1.96	.90	-	3.69
LIST (ALL FALL BEDDED)						
WITHOUT NEMATICIDE (3/4 AC.)	.19	1.34	1.80	.25	-	3.40
W/NEMATICIDE (1/4 ACRES)	.09	.63	.85	.16	26.38	28.02
FLAT ROLL TO SHAPE	.12	.76	.92	.14	-	1.83
POWER INCORP. TO SHAPE (1/3 AC.)	.25	1.76	2.89	.83	-	5.48
FALL APPLIED HERBICIDE (3/4 AC.)	.09	.63	.69	.10	15.60	17.02
CONTACT HERB. BY AIR 1X	-	-	-	-	17.36	17.36
SPRING WORK:						
CULTIVATE (2/3 AC.) 1X	.09	.63	.85	.12	-	1.61
RE-CULTIVATE (1/3 AC.) 1X	.05	.35	.47	.07	-	.89
MOVE EQUIP. SET UP & SERVICE @ 10% OF LABOR COSTS	-	1.42	-	-	-	1.42
TOTAL LAND PREPARATION COSTS:		<u>15.63</u>	<u>30.24</u>	<u>7.44</u>	<u>71.34</u>	<u>124.64</u>

TOMATOES CONT.

CASH COSTS PER ACRE

	HOURS/ ACRE	CASH COSTS PER ACRE				
		LABOR	TRACTOR	IMPLT.	MATERIAL.	TOTAL
PLANTING:						
PLANT 2 ROWS (2 PEOPLE)						
LIGHTWEIGHT TRACKLAYER 20%	.07	.84	.71	.36	-	1.92
WHEEL TRACTOR 80%	.26	3.14	2.07	1.34	-	6.55
SEED 2/3 HYBRID @ 1/2 LB.	-	-	-	-	60.00	60.00
1/3 O.P. @ 1 LB.	-	-	-	-	6.67	6.67
STARTER FERT. 18 GALS./AC.	-	-	-	-	24.61	24.61
HERB., SURFACE SPRAY 40% AREA	.12	.84	.92	.13	19.30	21.20
CRUST BREAKER FOR GERMINATION	.40	2.82	3.08	.54	-	6.43
REPLANT (SEED ONLY) 10% AC.	.03	.36	.24	.15	6.67	7.43
MOVE EQUIP., SET UP & SERVICE 20% OF LABOR COSTS	-	1.60	-	-	-	1.60
TOTAL PLANTING COSTS:		<u>9.61</u>	<u>7.02</u>	<u>2.52</u>	<u>117.25</u>	<u>136.40</u>
GROWING:						
SPRINKLE IRRIG. STAND ESTAB.						
1/6 AC. NATURAL RAINFALL	-	-	-	-	-	-
1/6 AC. EARLY, SPRINKLE 1X	.36	1.98	-	.94	.21	3.13
1/3 AC. MID-SEASON, SPRINK. 2.5X	1.80	9.88	-	4.61	1.05	15.54
1/3 AC. LATE, SPRINKLE 3X	2.16	11.86	-	5.54	1.26	18.66
CULTIVATE	.25	1.76	2.37	.34	-	4.47
THIN (ELECTRONIC) 1/3 AC.	.11	.77	.85	.81	-	2.43
HOE (HAND WEED)	-	-	-	-	70.00	70.00
FERT. 125 LB. @ 24c	.33	2.32	3.13	.57	30.00	36.03
V DITCH, OPEN & CLOSE 3X	.15	1.06	2.27	.72	-	4.05
IRRIGATE 7X @ 1.25 HR./AC.	8.75	48.04	-	-	-	48.04
WATER 4 AC. FT.	-	-	-	-	60.60	60.60
MISC. EQUIP. (SHOVELS, DAMS)	-	-	-	-	2.00	2.00
LAYBY HERBICIDE	.40	2.82	4.63	1.49	5.65	14.59
CULTIVATE	.29	2.04	2.75	.39	-	5.18
CULTIVATE WITH HI-CROP	.33	2.32	2.63	.44	-	5.40
VINE TRAINER 1/2 AC.	.20	1.41	1.59	.23	-	3.24
MOVE EQUIP., SETUP & SERVICE @ 15% OF LABOR COSTS	-	2.18	-	-	-	2.18
TOTAL GROWING COSTS:		<u>88.43</u>	<u>20.23</u>	<u>16.09</u>	<u>170.77</u>	<u>295.52</u>

TOMATOES CONT.

CASH COSTS PER ACRE

	HOURS/ ACRE	LABOR	TRACTOR	IMPLT.	MATERIAL	TOTAL
<u>GROWING - INSECT CONTROL:</u>						
AIRPLANE APPLICATION 3.5X @ \$5.50	-	-	-	-	19.25	19.25
FLEA BEETLE 1/4 AC.	-	-	-	-	1.36	1.36
CUTWORMS, BAIT 1/4 AC.	-	-	-	-	5.65	5.65
WORM CONTROL 2X	-	-	-	-	27.46	27.46
SULFUR DUST 35 LBS.	-	-	-	-	4.14	4.14
MOLD CONTROL WITH INSECTICIDE 1/3 AC. 2X	-	-	-	-	9.92	9.92
ETHEPHON 1/5 AC.	.03	.21	.24	.03	7.25	7.73
WHITEWASH 1/5 AC. CUSTOM	-	-	-	-	6.40	6.40
MOVE EQUIP. SET UP & SERVICE 15% OF LABOR COSTS	-	.03	-	-	-	.03
<u>TOTAL - INSECT CONTROL COSTS:</u>		<u>.24</u>	<u>.24</u>	<u>.03</u>	<u>81.43</u>	<u>81.94</u>
<u>MISCELLANEOUS:</u>						
PICKUP & TRUCK USE	-	-	-	-	4.91	4.91
SUPERVISORS SALARIES, ACCOUNTING, OFFICE EXPENSE	-	-	-	-	47.07	47.07
MISC. EQUIP. USE	-	1.02	1.50	.92	-	3.44
BUILDING (TAXES, INS., REPAIRS)	-	-	-	-	.67	.67
PRODUCTION LOAN INTEREST COST	-	-	-	-	29.39	29.39
EQUIPMENT LOAN INTEREST COST	-	-	-	-	14.32	14.32
CROP INSURANCE, ALL ACRES	-	-	-	-	30.00	30.00
<u>TOTAL - MISCELLANEOUS COSTS:</u>		<u>1.02</u>	<u>1.50</u>	<u>.92</u>	<u>126.35</u>	<u>129.79</u>
<u>TOTAL, PRE-HARVEST CASH COSTS:</u>					\$	<u>768.29</u>

TOMATOES CONT.

CASH COSTS PER ACRE

	HOURS/ ACRE	CASH COSTS PER ACRE				
		LABOR	TRACTOR	IMPLT.	MATERIAL	TOTAL
HARVEST EXPENSE:						
NEW MACHINE 3/4 AC. (7 AC./SHIFT) (TWO 10 HR. SHIFTS)	1.07	-	33.72	-	-	33.72
OLD MACHINE 1/4 AC. (7 AC./SHIFT) (ONE 10 HR. SHIFT, PART SEASON)	.36	-	18.84	-	-	18.84
DRIVER, HARVESTER	1.43	10.07	-	-	-	10.07
6 SORTERS	8.58	43.16	-	-	-	43.16
4 DOLLIES (5TH WHEELS)	2.50	-	-	.80	-	.80
(2)TRACTOR & DRIVER 3/4 AC.	2.14	13.63	20.31	-	-	33.95
(1)TRACTOR & DRIVER 1/4 AC.	.36	2.29	4.17	-	-	6.46
AVENUE OPENER 7% OF ACRES (TRACTOR & DRIVER)	.10	.70	1.16	.35	-	2.21
LIGHTING SYSTEM	.54	-	-	2.42	-	2.42
MISC.EQUIP.\$40/DAY X 18 AC./DAY	-	-	-	-	2.22	2.22
MISC. SUPPLIES \$25/DAY	-	-	-	-	1.39	1.39
TOILET FACILITIES	-	-	-	-	.37	.37
INSPECTION FEES	-	-	-	-	4.50	4.50
MISC. (ASSN., CTRI, LF.HOP., 25c/TON)	-	-	-	-	6.25	6.25
REJECT LOADS 1% DIRECT HARV.COSTS	-	-	-	-	1.52	1.52
PICKUP & TRUCK USE	-	-	-	-	2.46	2.46
SUPERVISORS. SALARIES, ACCOUNTING, OFFICE EXPENSE	-	-	-	-	23.53	23.53
BUILDING (TAXES, INS., REPAIRS)	-	-	-	-	.33	.33
MISC. EQUIP. USE (LOW BED, ETC)	-	.51	.75	.46	-	1.72
EQUIP. LOAN INTEREST COST	-	-	-	-	14.32	14.32
MOVE EQUIP., SET UP, SERVICE & CLEAN @ 15% OF LABOR (-SORTERS)	-	4.08	-	-	-	4.08
TOTAL CASH HARVEST COSTS:		<u>74.45</u>	<u>78.95</u>	<u>4.03</u>	<u>56.88</u>	<u>214.31</u>

TOTAL HARVEST COSTS	
CASH HARVEST COSTS	214.31
EQUIP. (INT. & DEPREC.)	85.00
TOTAL:	<u>\$ 299.31</u>

TOMATOES CONT.

COST PER ACRE

PRODUCTION AND HARVEST CASH COSTS:	982.60
LANDLORD SHARE (16% X \$52 X 25 TONS)	208.00
TOTAL CASH COSTS:	\$ 1190.60
INVESTMENT:	
BUILDINGS (interest & depreciation)	5.69
TRACTORS & IMPLTS. (int. & depreciation)	144.85
TOTAL INVESTMENT COSTS:	150.54
GRAND TOTAL ALL COSTS PER ACRE:	\$ 1341.14
TOTAL COST/TON @ 25 TONS/AC.	\$ 53.65

SUMMARY

DOLLARS PER ACRE @ 25 TONS PER ACRE

	CASH	NON-CASH	TOTAL
GROWING	\$ 768.29	65.54	833.83
HARVEST	214.31	85.00	299.31
LANDLORD	208.00	-	208.00
TOTAL COST PER ACRE:	\$ 1190.60	150.54	1341.14

COST PER TON @ VARIOUS YIELDS:	20 T/AC.	25 T/AC.	30 T/AC.
CASH GROWING COSTS	\$ 38.41	30.73	25.61
NON-CASH GROWING COSTS	3.28	2.62	2.18
CASH HARVEST COSTS	10.72	8.57	7.14
NON-CASH HARVEST COSTS	4.25	3.40	2.83
LANDLORD - 16% @ \$52/TON	8.32	8.32	8.32
TOTAL COST PER TON:	\$ 64.98	53.64	46.08

MANAGEMENT FEE @ 5% OF GROSS INCOME
 (usual charge for management not included in this study)
 (21)

(\$65/ACRE)