

1989 4060

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	1.64	.81	-	3.72
LASERPLANE 10% ACRES @ \$120/AC.	-	-	-	-	12.00	12.00
SUBSOIL 1/2 AC. 2X AFTER WHEAT	.40	2.55	6.63	1.89	-	11.07
SUBSOIL 1/2 AC. 1X AFTER CORN	.20	1.27	3.32	.94	-	5.53
TRIPANE 2X	.34	2.17	3.97	1.23	-	7.37
DISC 1X	.13	.83	1.52	.90	-	3.24
LIST (ALL FALL BEDDED)						
WITHOUT NEMATICIDE (3/4 AC.)	.19	1.34	1.28	.25	-	2.87
W/NEMATICIDE (1/4 ACRES)	.09	.63	.60	.16	28.13	29.52
FLAT ROLL TO SHAPE	.12	.76	.70	.14	-	1.61
POWER INCORP. TO SHAPE (1/3 AC.)	.25	1.76	2.05	.83	-	4.64
FALL APPLIED HERBICIDE (1/2 AC.)	.06	.42	.35	.06	12.24	13.08
GENERAL HERBICIDE, GROUND RIG	.16	1.13	1.40	.17	21.88	24.58
SPRING WORK:						
CULTIVATE (2/3 AC.) 1X	.09	.63	.60	.12	-	1.36
RE-CULTIVATE (1/3 AC.) 1X	.05	.35	.34	.07	-	.76
MOVE EQUIP. SET UP & SERVICE @ 10% OF LABOR COSTS	-	1.51	-	-	-	1.51
TOTAL LAND PREPARATION COSTS:		<u>16.63</u>	<u>24.39</u>	<u>7.57</u>	<u>74.25</u>	<u>122.84</u>

TOMATOES CONT.

CASH COSTS PER ACRE

HOURS/
ACRE

LABOR

TRACTOR

IMPLT.

MATERIAL

TOTAL

PLANTING:

PLANT 2 ROWS (2 PEOPLE)

LIGHTWEIGHT TRACKLAYER 20%	.07	.84	.61	.36	-	1.82
WHEEL TRACTOR 80%	.26	3.14	1.49	1.34	-	5.96
SEED 2/3 HYBRID @ 1/2 LB. 1/3 O.P. @ 1 LB.	-	-	-	-	61.67	61.67
STARTER FERT. 18 GALS./AC.	-	-	-	-	6.67	6.67
HERB., SURFACE SPRAY 40% AREA	.12	.84	.70	.13	26.92	26.92
CRUST BREAKER FOR GERMINATION	.40	2.82	2.34	.54	21.55	23.22
REPLANT (SEED ONLY) 10% AC.	.03	.36	.17	.15	-	5.69
MOVE EQUIP., SET UP & SERVICE 20% OF LABOR COSTS	-	1.60	-	-	6.67	7.36
					-	1.60

TOTAL PLANTING COSTS:

9.61	5.31	2.52	123.48	140.91
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GROWING:

SPRINKLE IRRIG. STAND ESTAB.

1/6 AC. NATURAL RAINFALL	-	-	-	-	-	-
1/6 AC. EARLY: 1X (33 HRS.)	.36	2.00	-	.79	.21	3.00
1/3 AC. MID-SEASON: 2.5X (163 hr.)	1.80	10.01	-	3.93	1.05	14.99
1/3 AC. LATE: 3X (196 hrs.)	2.16	12.01	-	4.72	1.26	17.99
CULTIVATE	.25	1.76	1.68	.34	-	3.78
THIN (ELECTRONIC) 1/3 AC.	.11	.77	.64	.81	-	2.23
HOE (HAND WEED)	-	-	-	-	70.00	70.00
FERT. 125 LB. @ 24c	.33	2.32	2.22	.57	30.00	35.11
V DITCH, OPEN & CLOSE 3X	.15	1.06	1.75	.72	-	3.53
IRRIGATE 7X @ 1.25 HR./AC.	8.75	48.65	-	-	-	48.65
WATER 4 AC. FT.	-	-	-	-	60.32	60.32
MISC. EQUIP. (SHOVELS, DAMS)	-	-	-	-	2.00	2.00
LAYBY HERBICIDE	.40	2.82	3.27	1.49	5.81	13.39
CULTIVATE	.29	2.04	1.95	.39	-	4.38
CULTIVATE WITH HI-CROP	.33	2.32	1.89	.44	-	4.65
VINE TRAINER 1/2 AC.	.20	1.41	1.14	.23	-	2.78
MOVE EQUIP., SETUP & SERVICE @ 15% OF LABOR COSTS	-	2.18	-	-	-	2.18

TOTAL GROWING COSTS:

89.35	14.54	14.44	170.64	288.97
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TOMATOES CONT.

CASH COSTS PER ACRE

	HOURS/ ACRE	CASH COSTS PER 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.	-	-	-	-	1.48	1.48
CUTWORMS, BAIT 1/4 AC.	-	-	-	-	5.60	5.60
WORM CONTROL 2X	-	-	-	-	29.87	29.87
SULFUR DUST 35 LBS.	-	-	-	-	4.55	4.55
MOLD CONTROL WITH INSECTICIDE 1/3ac. 2X + MILDEW 1/2X	-	-	-	-	16.25	16.25
ETHEPHON 1/5 AC.	.03	.21	.17	.03	7.25	7.66
WHITWASH 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>.17</u>	<u>.03</u>	<u>90.65</u>	<u>91.10</u>
<u>MISCELLANEOUS:</u>						
PICKUP & TRUCK USE	-	-	-	-	4.96	4.96
SUPERVISORS SALARIES, ACCOUNTING, OFFICE EXPENSE	-	-	-	-	50.96	50.96
MISC. EQUIP. USE	-	1.11	1.24	.90	-	3.25
BUILDING (TAXES, INS., REPAIRS)	-	-	-	-	.67	.67
PRODUCTION LOAN INTEREST COST	-	-	-	-	31.10	31.10
EQUIPMENT LOAN INTEREST COST	-	-	-	-	14.32	14.32
CROP INSURANCE, ALL ACRES	-	-	-	-	60.00	60.00
<u>TOTAL - MISCELLANEOUS COSTS:</u>		<u>1.11</u>	<u>1.24</u>	<u>.90</u>	<u>162.01</u>	<u>165.26</u>
<u>TOTAL, PRE-HARVEST CASH COSTS:</u>					\$	809.08

TOMATOES CONT.

CASH COSTS PER ACRE

	HOURS/ ACRE	LABOR	TRACTOR	IMPLT.	MATERIAL	TOTAL
HARVEST EXPENSE:						
NEW MACHINE 3/4 AC. (7 AC./SHIFT) (TWO 10 HR. SHIFTS)	1.07	-	31.10	-	-	31.10
OLD MACHINE 1/4 AC. (7 AC./SHIFT) (ONE 10 HR. SHIFT, PART SEASON)	.36	-	17.96	-	-	17.96
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	14.38	-	-	28.01
(1)TRACTOR & DRIVER 1/4 AC.	.36	2.29	2.94	-	-	5.24
AVENUE OPENER 7% OF ACRES (TRACTOR & DRIVER)	.10	.70	.82	.35	-	1.87
LIGHTING SYSTEM	.54	-	-	2.03	-	2.03
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	-	-	-	-	5.75	5.75
MISC. (ASSN., CIRL, LF.HOP., 26c/TON)	-	-	-	-	6.50	6.50
REJECT LOADS 1% DIRECT HARV.COSTS	-	-	-	-	1.38	1.38
PICKUP & TRUCK USE	-	-	-	-	2.48	2.48
SUPERVISORS SALARIES, ACCOUNTING, OFFICE EXPENSE	-	-	-	-	25.48	25.48
BUILDING (TAXES, INS., REPAIRS)	-	-	-	-	.33	.33
MISC. EQUIP. USE (LOW BED, ETC)	-	.55	.62	.45	-	1.62
EQUIP. LOAN INTEREST COST	-	-	-	-	14.32	14.32
MOVE EQUIP., SET UP, SERVICE & CLEAN @ 15% OF LABOR (-SORTERS)	-	4.09	-	-	-	4.09
TOTAL CASH HARVEST COSTS:		74.49	67.83	3.63	60.22	206.17

TOTAL HARVEST COSTS	
CASH HARVEST COSTS	206.17
EQUIP. (INT. & DEPREC.)	90.32
TOTAL:	\$ 296.49

PRODUCTION AND HARVEST CASH COSTS:	1015.25
LANDOWNER SHARE (15% X \$50 X 25 TONS)	187.50
TOTAL CASH COSTS:	\$ 1202.75
INVESTMENT:	
BUILDINGS (interest & depreciation)	5.69
TRACTORS & IMPLTS. (int. & depreciation)	144.85
TOTAL INVESTMENT COSTS:	150.54
GRAND TOTAL ALL COSTS PER ACRE:	\$ 1353.29
TOTAL COST/TON @ 25 TONS/AC.	\$ 54.13

SUMMARY

DOLLARS PER ACRE @ 25 TONS PER ACRE

		CASH	NON-CASH	TOTAL
GROWING	\$	809.08	60.22	869.29
HARVEST	\$	206.17	90.32	296.49
LANDOWNER	\$	187.50		187.50
TOTAL COST PER ACRE:	\$	1202.75	150.54	1353.29

COST/TON AT VARYING YIELDS & SHARE RENTS

SHARE RENTS

YIELDS	17%	15%	13%
20 tons	66.79	65.79	64.79
25 tons	55.13	54.13	53.13
30 tons	47.36	46.36	45.36

MANAGEMENT FEE @ 5% OF GROSS INCOME:

\$ 62.50

(usual charge for management not included in this study)