

# 278

**COST & RETURNS SUMMARY FOR TOMATOES, FRESH**  
**1980 SAMPLE COSTS TO PRODUCE FRESH MARKET TOMATOES SANTA CLARA CO.**  
**BY W. SEYMAN, N. GARRISON, D. DOUGLAS**  
**YIELD: 10 TONS/AC 1ST PICK (25% CULL), 6 TONS/AC 2ND PICK (35% CULL)**

\*\*\* TEMPORARY BUDGET \*\*\*

*Tomatoes*

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
TOMATOES, FRESH	CTNS	6.650	760.000	5054.00	
<b>TOTAL RECEIPTS:</b>				<b>5054.00</b>	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
CUST. LIST & FERT	ACRE	7.500	1.000	7.50	
PRE-PLANT FERT.	TON	218.000	0.150	32.70	
CUST. WEED CTL.	ACRE	40.000	1.000	40.00	
FRESH TOM SEED	LBS.	22.000	0.750	16.50	
INSECTICIDE	ACRE	20.000	1.000	20.00	
THIN & HOE	ACRE	50.000	1.000	50.00	
CUSTOM SIDEDRESS	ACRE	5.750	1.000	5.75	
SIDE DRESS FERT	TON	197.000	0.150	29.55	
HAND HOEING	ACRE	40.000	1.000	40.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			34.19	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			11.00	
MACHINERY LABOR	HOUR	6.500	8.620	56.03	
IRRIGATION LABOR	HOUR	5.000	37.500	187.50	
INTEREST ON OPERATING CAP.	DOL.	0.14000	233.378	31.52	
<b>TOTAL PREHARVEST COSTS:</b>				<b>562.23</b>	
<b>PREHARVEST COST PER CTNS</b>				<b>0.7398</b>	
<b>HARVEST:</b>					
FIRST PICK	TON	38.500	10.000	385.00	
SECOND PICK	TON	52.000	6.000	312.00	
PACKING	CTNS	2.100	760.000	1596.00	
HAULING	CTNS	0.250	760.000	190.00	
MARKETING	CTNS	0.400	760.000	304.00	
FREIGHT	CTNS	0.100	760.000	76.00	
<b>TOTAL HARVEST COSTS:</b>				<b>2863.00</b>	
<b>HARVEST COST PER CTNS</b>				<b>3.7671</b>	
<b>TOTAL VARIABLE COSTS:</b>				<b>3425.23</b>	
<b>VARIABLE COST PER CTNS</b>				<b>4.5069</b>	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER CTNS</b>				<b>1628.77</b>	
				<b>2.1431</b>	
<b>4. OVERHEAD:</b>					
<b>PERSONAL PROPERTY TAXES:</b>				<b>32.65</b>	
<b>CASH RENT:</b>				<b>250.00</b>	
<b>TOTAL OVERHEAD:</b>				<b>282.65</b>	
<b>OVERHEAD COST PER CTNS</b>				<b>0.3719</b>	
<b>TOTAL CASH COSTS:</b>				<b>3707.88</b>	
<b>TOTAL CASH COST PER CTNS</b>				<b>4.8788</b>	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER CTNS</b>				<b>1346.12</b>	
				<b>1.7712</b>	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			74.38	
<b>TOTAL DEPRECIATION:</b>				<b>74.38</b>	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.14000	814.179	113.99	
<b>TOTAL INTEREST CHARGE:</b>				<b>113.99</b>	
<b>TOTAL FIXED COSTS:</b>				<b>188.36</b>	
<b>FIXED COST PER CTNS</b>				<b>0.2478</b>	
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER CTNS</b>				<b>3896.24</b>	
				<b>5.1266</b>	
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER CTNS</b>				<b>1157.76</b>	
				<b>1.5234</b>	

30 ACRES BUSH TOMATOES ON 160 ACRE FARM  
 COMBINATION SPRINKLER-FURROW IRRIGATION: 45 ACIN PER YEAR  
 CASH RENT BASIS 30 LB CARTONS  
 DATE PRINTED: 02/13/81 HARVEST MONTH: 9

UPDATED 02/05/81  
 BUDGET RECORD NUMBER 278

1980 default data

CASH FLOW & INVESTMENT SUMMARY FOR TOMATOES, FRESH \*\*\* TEMPORARY BUDGET \*\*\*  
 1980 SAMPLE COSTS TO PRODUCE FRESH MARKET TOMATOES SANTA CLARA CO.  
 BY W. SEYMAN, N. GARRISON, D. DOUGLAS  
 YIELD: 10 TONS/AC 1ST PICK (25% CULL), 6 TONS/AC 2ND PICK (35% CULL)

BUDGET RECORD NUMBER 278

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.005054.00	0.00	0.00	0.00	5054.00
OPERATING EXPENSES														
CUST. LIST & FERT	\$/AC	0.00	0.00	0.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50
PRE-PLANT FERT.	\$/AC	0.00	0.00	0.00	32.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.70
CUST. WEED CTL.	\$/AC	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
FRESH TOM SEED	\$/AC	0.00	0.00	0.00	0.00	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.50
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
THIN & HOE	\$/AC	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
CUSTOM SIDEDRESS	\$/AC	0.00	0.00	0.00	0.00	5.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.75
SIDE DRESS FERT	\$/AC	0.00	0.00	0.00	0.00	29.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.55
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
FIRST PICK	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00	385.00
SECOND PICK	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	312.00	0.00	0.00	0.00	312.00
PACKING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1596.00	0.00	0.00	0.00	1596.00
HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.00	0.00	0.00	0.00	190.00
MARKETING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	304.00	0.00	0.00	0.00	304.00
FREIGHT	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.00	0.00	0.00	0.00	76.00
MACHINE LABOR COST	\$/AC	0.00	4.92	3.81	4.36	6.83	0.00	0.00	0.00	0.00	0.00	36.11	0.00	56.03
INTEREST ON OPER. CAP.	\$/AC	0.00	0.73	0.44	8.52	8.85	3.45	1.40	0.70	0.00	0.00	7.42	0.00	31.52
TRACTOR COST	\$/AC	0.00	2.89	2.25	2.82	4.96	0.00	0.00	0.00	0.00	0.00	21.27	0.00	34.19
EQUIPMENT COST	\$/AC	0.00	1.42	0.49	0.88	1.24	0.00	0.00	0.00	0.00	0.00	6.96	0.00	11.00
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	37.50	37.50	37.50	37.50	37.50	0.00	0.00	0.00	0.00	187.50
TOTAL EXPENSES	\$/AC	0.00	9.97	6.99	160.28	207.19	106.95	64.91	64.20	2863.00	0.00	71.77	0.00	3425.23

		MONTHLY IRRIGATION AND LABOR REQUIREMENTS												
	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
M. E LABOR	HR/AC	0.00	0.76	0.59	0.67	1.05	0.00	0.00	0.00	0.00	0.00	5.56	0.00	8.62
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	7.50	7.50	7.50	7.50	7.50	0.00	0.00	0.00	0.00	37.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	0.00	45.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE														
MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	FIXED COST PER ACRE			VARIABLE COST PER ACRE					HRS PER ACRE
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 70 HP	4	70.0	17400.	20.	300.	3.09	5.59	1.59	10.27	3.94	0.59	1.80	6.33	1.221
CRAWLER 50 HP	10	50.0	32040.	20.	250.	36.95	66.96	19.08	122.99	17.78	2.67	7.41	27.86	6.615
IRR. PUMP 20 HP	21	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.500
BED SHAPER 3 ROW	49	10.0	4080.	15.	35.	1.69	2.16	0.63	4.48	0.00	0.01	0.39	0.40	0.241
CULTIVATOR 4 ROW	52	10.0	2640.	15.	56.	0.88	1.12	0.33	2.32	0.00	0.01	0.33	0.34	0.309
ROLLER	56	10.0	2400.	20.	50.	1.62	2.53	0.77	4.92	0.00	0.00	0.21	0.21	0.714
DISK TANDEM	65	10.0	3240.	15.	80.	3.05	3.88	1.14	8.07	0.00	0.04	1.87	1.91	1.250
DISK TANDEM	66	10.0	3360.	15.	60.	2.11	2.69	0.79	5.58	0.00	0.02	1.19	1.21	0.625
4 WH PLANE 12X45	85	12.0	8520.	15.	95.	2.62	3.34	0.98	6.94	0.00	0.01	0.48	0.49	0.485
RIPPER 3 SHANK	90	3.5	3500.	10.	90.	10.06	10.07	2.75	22.88	0.00	0.07	3.72	3.80	3.143
PLOW AB HYD 4-16	100	5.3	10200.	15.	30.	10.47	13.33	3.91	27.72	0.00	0.03	1.70	1.74	0.511
PLANTER 3 ROW	108	10.0	2700.	15.	50.	1.82	2.32	0.68	4.82	0.00	0.02	0.89	0.91	0.560
SPRINK-FURROW*	131	2.0	0.	20.	5000.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.500

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE  
 TOTAL INVESTMENT 90080.  
 30 ACRES BUSH TOMATOES ON 160 ACRE FARM  
 COMBINATION SPRINKLER-FURROW IRRIGATION: 45 ACIN PER YEAR  
 CASH RENT BASIS 30 LB CARTONS  
 DATE PRINTED: 02/13/81

UPDATED 02/05/81

**FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 278**  
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**BY W. SEYMAN, N. GARRISON, D. DOUGLAS**  
**YIELD: 10 TONS/AC 1ST PICK (25% CULL), 6 TONS/AC 2ND PICK (35% CULL)**

\*\*\* TEMPORARY BUDGET \*\*\*

**FUEL USED IN GALLONS PER HOUR**

TRACTOR 70 HP                    3.360  
 CRAWLER 50 HP                   2.800  
 IRR. PUMP 20 HP                65.641 (KWHRS)

**FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED**

MACHINE	GALLONS	ACRE COVERED POWER UNIT
DISK TANDEM	0.963	CRAWLER 50 HP
RIPPER 3 SHANK	4.840	CRAWLER 50 HP
PLOW MB HYD 4-16	1.574	CRAWLER 50 HP
DISK TANDEM	0.963	CRAWLER 50 HP
ROLLER	0.000	CRAWLER 50 HP
4 WH PLANE 12X45	0.747	CRAWLER 50 HP
BED SHAPER 3 ROW	0.892	TRACTOR 70 HP
PLANTER 3 ROW	2.069	TRACTOR 70 HP
CULTIVATOR 4 ROW	1.142	TRACTOR 70 HP
SPRINK-FURROW*	1476.923 (KWHRS)	IRR. PUMP 20 HP

**FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT**

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
DISK TANDEM	0.000	0.000	0.000	0.963	0.000	0.000	0.000	0.000	0.000	0.000	2.888	0.000	3.850	DIESEL
RIPPER 3 SHANK	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.680	0.000	9.680	DIESEL
PLOW MB HYD 4-16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.574	0.000	1.574	DIESEL
DISK TANDEM	0.000	1.925	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.925	DIESEL
ROLLER	0.000	2.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.200	DIESEL
4 WH PLANE 12X45	0.000	0.000	1.494	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.494	DIESEL
BED SHAPER 3 ROW	0.000	0.000	0.000	0.892	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.892	DIESEL
PLANTER 3 ROW	0.000	0.000	0.000	0.000	2.069	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.069	DIESEL
CULTIVATOR 4 ROW	0.000	0.000	0.000	0.000	1.142	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.142	DIESEL
SPRINK-FURROW*	0.000	0.000	0.000	295.365	295.365	295.365	295.365	295.365	0.000	0.000	0.000	0.000	1476.923	KWH
<b>TOTALS</b>	<b>0.000</b>	<b>4.125</b>	<b>1.494</b>	<b>297.239</b>	<b>298.595</b>	<b>295.365</b>	<b>295.365</b>	<b>295.365</b>	<b>0.000</b>	<b>0.000</b>	<b>14.142</b>	<b>0.000</b>	<b>24.826</b>	

**SUMMARY FUEL BY TYPE**

0.00 GAS  
 0.00 LP  
 24.83 DIESEL  
 0.00 M. GAS  
 1476.92 KWHRS

**FUEL TYPES**  
 1=GAS  
 2=L.P.  
 3=DIESEL  
 4=M. GAS  
 5=ELEC.

30 ACRES BUSH TOMATOES ON 160 ACRE FARM  
 COMBINATION SPRINKLER-FURROW IRRIGATION: 45 ACIN PER YEAR  
 CASH RENT BASIS 30 LB CARTONS  
 DATE PRINTED: 02/13/81

UPDATED 02/05/81

**MACHINERY OPERATIONS SUMMARY**

**BUDGET RECORD NUMBER 278**

1980 SAMPLE COSTS TO PRODUCE FRESH MARKET TOMATOES SANTA CLARA CO.  
 BY W. SEYMAN, N. GARRISON, D. DOUGLAS  
 YIELD: 10 TONS/AC 1ST PICK (25% CULL), 6 TONS/AC 2ND PICK (35% CULL)

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
DISK TANDEM	10, 65	NOV	3.00	1.134	0.938	5.77	25.23
RIPPER 3 SHANK	10, 90	NOV	2.00	3.803	3.143	18.35	87.15
PLOW MB HYD 4-16	10, 100	NOV	1.00	0.619	0.511	4.11	38.17
DISK TANDEM	10, 66	FEB	2.00	0.756	0.625	4.11	18.36
ROLLER	10, 56	FEB	2.00	0.000	0.714	0.21	4.92
4 WH PLANE 12X45	10, 85	MAR	2.00	0.587	0.485	2.74	16.86
DISK TANDEM	10, 65	APR	1.00	0.378	0.313	1.92	8.41
BED SHAPER 3 ROW	4, 49	APR	1.00	0.292	0.241	1.78	6.72
PLANTER 3 ROW	4, 108	MAY	1.00	0.677	0.560	4.10	10.00
CULTIVATOR 4 ROW	4, 52	MAY	1.00	0.374	0.309	2.10	5.18
<b>TOTALS</b>				<b>8.620</b>	<b>7.838</b>	<b>45.18</b>	<b>221.01</b>

30 ACRES BUSH TOMATOES ON 160 ACRE FARM  
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RANGING ANALYSIS FOR BUDGET RECORD NUMBER 278  
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INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF TOMATOES, FRESH RANGES FROM 5.99 TO 7.31  
 AND THE QUANTITY OF TOMATOES, FRESH RANGES FROM 744.80 TO 775.20

	PRICE OF TOMATOES, FRESH					
	5.99	6.32	6.65	6.98	7.31	
*****	*****	*****	*****	*****	*****	
744.80 *	1036.12	1281.90	1527.69	1773.47	2019.26	
* *						
752.40 *	1081.64	1329.94	1578.23	1826.52	2074.81	
* *						
QUANTITY OF TOMATOES, F	760.00 *	1127.17	1377.97	1628.77	1879.57	2130.37
* *						
	767.60 *	1172.69	1426.00	1679.31	1932.62	2185.92
* *						
	775.20 *	1218.22	1474.03	1729.85	1985.66	2241.48
* *						

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF TOMATOES, FRESH RANGES FROM 5.99 TO 7.31  
 AND THE QUANTITY OF TOMATOES, FRESH RANGES FROM 744.80 TO 775.20

	PRICE OF TOMATOES, FRESH					
	5.99	6.32	6.65	6.98	7.31	
*****	*****	*****	*****	*****	*****	
744.80 *	753.47	999.26	1245.04	1490.82	1736.61	
* *						
752.40 *	799.00	1047.29	1295.58	1543.87	1792.16	
* *						
QUANTITY OF TOMATOES, F	760.00 *	844.52	1095.32	1346.12	1596.92	1847.72
* *						
	767.60 *	890.04	1143.35	1396.66	1649.97	1903.28
* *						
	775.20 *	935.57	1191.38	1447.20	1703.02	1958.83
* *						

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF TOMATOES, FRESH RANGES FROM 5.99 TO 7.31  
 AND THE QUANTITY OF TOMATOES, FRESH RANGES FROM 744.80 TO 775.20

	PRICE OF TOMATOES, FRESH					
	5.99	6.32	6.65	6.98	7.31	
*****	*****	*****	*****	*****	*****	
744.80 *	565.11	810.90	1056.68	1302.46	1548.25	
* *						
752.40 *	610.64	858.93	1107.22	1355.51	1603.80	
* *						
QUANTITY OF TOMATOES, F	760.00 *	656.16	906.96	1157.76	1408.56	1659.36
* *						
	767.60 *	701.68	954.99	1208.30	1461.61	1714.92
* *						
	775.20 *	747.21	1003.02	1258.84	1514.66	1770.47
* *						

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 COMBINATION SPRINKLER-FURROW IRRIGATION: 45 ACIN PER YEAR  
 CASH RENT BASIS 30 LB CARTONS  
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STORED DATA PAGE (NO CALCULATIONS) FOR TOMATOES, FRESH

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YIELD: 10 TONS/AC 1ST PICK (25% CULL), 6 TONS/AC 2ND PICK (35% CULL)

COSTS AND RETURNS WILL BE

DIVIDED BY 760.0 CTNS

TO OBTAIN PER CTNS COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION	NUMBER OF UNITS																	
1 TOMATOES, FRESH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00760.00	0.00	0.00	0.00	0.00	6.650	0.000	28.	96.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
8 CUST.LIST & FERT	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.500	0.000	7.	286.	3.	0.
9 PRE-PLANT FERT.	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	218.000	0.000	3.	209.	3.	0.
10 CUST. WEED CTL.	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.000	0.000	7.	373.	3.	0.
11 FRESH-TOM SEED	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.000	0.000	12.	196.	3.	0.
12 INSECTICIDE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.000	0.000	7.	240.	3.	0.
13 THIN & HOE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.000	0.000	7.	339.	3.	0.
14 CUSTOM SIDEDRESS	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.750	0.000	7.	319.	3.	0.
15 SIDE DRESS FERT	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197.000	0.000	3.	204.	3.	0.
16 HAND HOEING	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	40.000	0.000	7.	335.	3.	0.
17 FIRST PICK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	38.500	0.000	3.	326.	3.	9.
18 SECOND PICK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	52.000	0.000	3.	327.	3.	9.
19 PACKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00760.00	0.00	0.00	0.00	0.00	2.100	0.000	28.	345.	3.	9.
20 HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00760.00	0.00	0.00	0.00	0.00	0.250	0.000	28.	480.	3.	9.
21 MARKETING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00760.00	0.00	0.00	0.00	0.00	0.400	0.000	28.	478.	3.	9.
22 FREIGHT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00760.00	0.00	0.00	0.00	0.00	0.100	0.000	28.	477.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												A CREW		POWER		MACH		TYPE		HARV	
													LABOR	UNIT	CODE	UNIT	CODE	TYPE	CODE	TYPE	CODE	
6 DISK TANDEM	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.000	0.000	10.	65.	4.	0.				
27 RIPPER 3 SHANK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.000	0.000	10.	90.	4.	0.				
28 18 MB HYD 4-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	10.	100.	4.	0.				
29 TANDEM	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	10.	66.	4.	0.				
30 ROLLER	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	58.	4.	0.				
31 4 WH PLANE 12X45	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	10.	85.	4.	0.				
32 BED SHAPER 3 ROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	49.	4.	0.				
33 PLANTER 3 ROW	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	108.	4.	0.				
34 CULTIVATOR 4 ROW	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	52.	4.	0.				
49 ACIN IRRIG WATER	0.00	0.00	0.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	0.00	1.00	1.00	21.	131.	250.					
50 NO. TIMES IRRIG	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00										

EQUIPMENT REQUIREMENTS	NONE STORED WITH BUDGET								NUMBER		PROPORT		XXX		EQUIP		TYPE		XXXX	
									UNITS	OF	COST	UNITS	OF	COST	UNITS	OF	COST	UNITS	OF	COST
COLUMNS --->	2	3	4	5	6	7	8													
LAND REQUIREMENTS	CHARGE		NUMBER	VALUE OR	TAXES	PERENNIAL CROPS														
	METHOD		OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE													
71	2.		30.00	250.00	0.00	0.0	0.00													
ENTERPRISE 2-96 REGION/COUNTY 43 UNASSIGNED 00000 MACH COMP 1 IRRIG SYST 9 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 9																				

30 ACRES BUSH TOMATOES ON 160 ACRE FARM  
 COMBINATION SPRINKLER-FURROW IRRIGATION: 45 ACIN PER YEAR  
 CASH RENT BASIS 30 LB CARTONS

UPDATED 02/05/81  
 MACHINERY COMPLEMENT 1  
 EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE->	LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE
286 CUST.LIST & FERT	373 CUST. WEED CTL.	339 THIN & HOE	319 CUSTOM SIDEDRESS	90 RIPPER 3 SHANK	21 IRR. PUMP 20 HP	49 BED SHAPER 3 ROW	108 PLANTER 3 ROW	10 CRAWLER 50 HP	
4 TRACTOR 70 HP									

RW_CL	VALUE	RW_CL	VALUE	RW_CL	VALUE	RW_CL	VALUE	RW_CL	VALUE	RW_CL	VALUE
MACH COMP CHGS-->	21.16	20.000000	90. 2.	3.500000	56. 2.	10.000000	10. 2.	50.000000	10.16.	50.000000	4. 2.
	4.16.	70.000000	66. 2.	10.000000	66. 3.	3360.000000	66. 9.	60.000000	66.13.	3360.000000	
PANTER CHGS-->	6.	0.073700	10.	6.500000	18.	2.500000	26.	0.073700			

DATE PRINTED: 02/13/81  
 1980 default data

Additional Notes: Fresh Tomatoes  
Santa Clara County 1980

Data Base: 35 acres bush tomatoes

A. Production

average 2 picks per season  
30 lb. cartons

Yield: 1) 75% packout 10(.75) = 7.5 tons  
2) 65% packout 6(.65) = 3.9 tons  
represents increased cull rate

B. Operating Inputs

Preharvest:

1. Custom list and pre-plant fertilize
2. Pre-plant fertilizer: 12-12-12
3. Custom weed control: includes materials & application
4. Insecticide: flea beetles
5. Sidedress fertilizer: ammonium sulfate 21%

Harvest:

1. Labor: first pick @ \$38.50/Ton  
second pick @ \$52.00/Ton
2. Packing: packer provides boxes, etc. @ \$2.10/carton
3. Marketing: sales commission

C. Machinery Requirements

1. 50 HP Crawler
  - a. Tandem disk 2x November
  - b. Rip 2x " "
  - c. Plow 1x " "
  - d. Tan. disc&roll 2x February
  - e. Landplane 2x March
  - f. Disk 1x April
2. 70 HP Wheel Tractor
  - a. Bed shaper 1x April
  - b. Planter 1x May
  - c. Cultivator 1x May

D. Irrigation Schedule

Combination sprinkler-furrow system utilizing 20 HP pump  
250 feet well lift

15 irrigations:

3 sprinkle irrigations followed by furrow irrigations every  
10 days to harvest