

COST & RETURNS SUMMARY FOR CANNING TOMATOES
SAMPLE COSTS TO PRODUCE CANNING TOMATOES BY W. SEYMAN
 SANTA CLARA COUNTY 1980 D. DOUGLAS
 YIELD: 30 TONS PER ACRE

*** TEMPORARY BUDGET ***

Tomatoes #1

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CANNING TOMATOES	TON	48.000	30.000	1440.00	
TOTAL RECEIPTS:				1440.00	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM LIST	ACRE	7.750	1.000	7.75	
PRE-MERGE HERB INCORPORATION	LBS.	6.450	3.000	19.35	
FUMIGANT	ACRE	18.500	1.000	18.50	
CHEMICAL APPLIC	GAL.	4.300	12.000	51.60	
PRE-PLANT FERT.	ACRE	3.850	1.000	3.85	
FERTILIZER APP	LBS.	0.141	500.000	70.50	
CANNING TOM SEED	ACRE	7.750	1.000	7.75	
CANNING TOM SEED	LBS.	185.000	0.300	55.50	
INSECTICIDE	LBS.	22.500	0.500	11.25	
INSECT SPRAY	LBS.	1.300	8.000	10.40	
INSECTICIDE APP	ACRE	6.000	1.000	6.00	
THINNING	ACRE	7.500	1.000	7.50	
SIDE DRESS FERT	ACRE	50.000	1.000	50.00	
BACTERIAL SPEC	LBS.	0.141	500.000	70.50	
CHEMICAL APPLIC	ACRE	8.000	1.000	8.00	
MORA & FUNGICIDE	ACRE	7.500	1.000	7.50	
INSECTICIDE APP	ACRE	32.000	1.000	32.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE	8.500	1.000	8.50	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			26.39	
MACHINERY LABOR	ACRE			16.43	
IRRIGATION LABOR	HOUR	3.900	3.803	14.83	
INTEREST ON OPERATING CAP.	HOUR	3.900	26.000	101.40	
TOTAL PREHARVEST COSTS:	DOL.	0.14000	335.365	45.66	
PREHARVEST COST PER TON				651.16	21.7052
HARVEST:					
INSPECTION FEE	TON	0.100	30.000	3.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			67.79	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			84.46	
MACHINERY LABOR	HOUR	3.900	9.014	35.16	
MACHINE CREW LABOR	HOUR	4.650	30.600	142.29	
INTEREST ON OPERATING CAP.	DOL.	0.14000	37.635	5.22	
TOTAL HARVEST COSTS:				337.97	
HARVEST COST PER TON				11.2652	
TOTAL VARIABLE COSTS:				989.13	
VARIABLE COST PER TON				32.9709	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				450.87	15.0291
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				22.81	
CASH RENT:				300.00	
TOTAL OVERHEAD:				322.81	
OVERHEAD COST PER TON				10.7602	
TOTAL CASH COSTS:					
TOTAL CASH COST PER TON				1311.93	43.7311
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				128.07	4.2689
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			82.82	
TOTAL DEPRECIATION:				87.82	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.14000	618.262	86.56	
TOTAL INTEREST CHARGE:				86.56	
TOTAL FIXED COSTS:				174.37	
FIXED COST PER TON				5.8125	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				1486.31	49.5436
8. NET RETURNS:					
NET RETURNS PER TON				-46.31	-1.5436

BASED ON 400 ACRES TOMATOES ON 640 ACRE FARM
 HANDMOVE SPRINKLER IRRIG: 36 ACIN/YR CASH RENT
 ADD. PRAC.: NIGHTSHADE HERB. \$10/AC, WHITENER \$32/AC
 DATE PRINTED: 02/13/81 HARVEST MONTH: 9
 1980 default data

Updated 2/5/81
 BUDGET RECORD NUMBER 279

*** TEMPORARY BUDGET ***

BUDGET RECORD NUMBER 279

CASH FLOW & INVESTMENT SUMMARY FOR CANNING TOMATOES

SAMPLE COSTS TO PRODUCE CANNING TOMATOES
SANTA CLARA COUNTY
YIELD: 30 TONS PER ACRE

BY W. SEYMAN
D. DOUGLAS

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1440.00	0.00	0.00	0.00	1440.00
OPERATING EXPENSES														
CUSTOM LIST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.75	7.75
PRE-MERGE HERB INCORPORATION	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.35	19.35
FUNIGANT	\$/AC	51.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.60
CHEMICAL APPLIC	\$/AC	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85
PRE-PLANT FERT.	\$/AC	0.00	70.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.50
FERTILIZER APP	\$/AC	0.00	7.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.75
CANNING TOM SEED	\$/AC	0.00	0.00	55.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.50
CANNING TOM SEED	\$/AC	0.00	0.00	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.25
INSECTICIDE	\$/AC	0.00	0.00	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.40
INSECT SPRAY	\$/AC	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
INSECTICIDE APP	\$/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
THINNING	\$/AC	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
SIDE DRESS FERT	\$/AC	0.00	0.00	0.00	0.00	70.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.50
BACTERIAL SPEC	\$/AC	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00
CHEMICAL APPLIC	\$/AC	0.00	0.00	0.00	0.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50
WORM & FUNGICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.00	0.00	0.00	0.00	0.00	32.00
INSECTICIDE APP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.00	0.00	0.00	0.00	8.50
INSPECTION FEE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	3.00
MACHINE LABOR COST	\$/AC	0.00	2.07	1.76	0.97	1.94	2.92	0.00	0.00	158.85	1.05	21.81	0.90	192.28
INTEREST ON OPER. CAP.	\$/AC	5.06	7.07	5.88	5.48	6.06	1.57	0.55	0.58	0.00	1.14	12.33	5.21	50.93
TRACTOR COST	\$/AC	0.00	2.80	2.38	1.31	2.63	3.94	0.00	0.00	29.64	3.13	47.14	1.21	94.18
EQUIPMENT COST	\$/AC	0.00	0.88	1.33	0.42	1.61	1.25	0.00	0.00	84.46	0.54	9.85	0.55	100.89
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	23.40	31.20	23.40	15.60	7.80	0.00	0.00	0.00	0.00	101.40
TOTAL EXPENSES	\$/AC	60.51	95.94	92.65	103.00	141.52	48.39	25.55	53.58	275.94	10.05	118.86	55.59	989.13

CATEGORY	UNIT	MONTHLY IRRIGATION AND LABOR REQUIREMENTS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	0.00	0.53	0.45	0.25	0.50	0.75	0.00	0.00	4.24	0.27	5.59	0.23	12.82
MACH. CREW LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.60	0.00	0.00	0.00	30.60
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	6.00	8.00	6.00	4.00	2.00	0.00	0.00	0.00	0.00	26.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	3.00	4.00	4.50	5.00	2.50	0.00	0.00	0.00	0.00	19.00

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	MACHINERY FIXED AND VARIABLE COSTS PER ACRE									HRS PER ACRE
					ANNUAL FIXED COST PER ACRE				VARIABLE COST PER ACRE					
					HOURS USED	DEPR.	INTER.	TAX	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 70HP	4	70.0	17400.	12.	1000.	2.70	3.78	0.97	7.46	8.02	1.20	5.19	14.41	2.485
TRACTOR 150HP	7	150.0	40000.	12.	1000.	7.43	10.41	2.68	20.52	20.55	3.08	14.27	37.91	2.973
TRACTOR 150HP	8	150.0	40000.	12.	1000.	2.75	3.85	0.99	7.59	8.87	1.33	5.28	15.48	1.100
CRAWLER 75HP	11	75.0	49020.	17.	900.	9.25	15.35	4.24	28.84	13.94	2.09	10.36	26.39	3.457
IRR PUMP 75 HP*	22	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.500
TOMATO HARV.*	38	20.0	105000.	6.	360.	53.30	38.86	9.84	102.01	10.37	1.56	72.48	84.40	1.500
BED SHAPER 6ROW	50	15.0	5190.	15.	100.	1.19	1.52	0.44	3.15	0.00	0.02	1.09	1.11	0.381
CULTIVATOR 6ROW	53	15.0	3960.	15.	140.	2.11	2.68	0.79	5.58	0.00	0.05	2.45	2.50	1.236
DISK OFFSET	60	14.0	4320.	15.	145.	1.20	1.53	0.45	3.18	0.00	0.03	1.60	1.6	0.670
DISK OFFSET	61	14.0	4320.	15.	145.	1.20	1.53	0.45	3.18	0.00	0.03	1.60	1.63	0.670
DRY FERT APPLIC.	69	12.0	4520.	15.	100.	0.71	0.90	0.26	1.88	0.00	0.02	0.76	0.77	0.260
SPIKE HARROW	73	16.0	2300.	13.	190.	0.20	0.24	0.07	0.51	0.00	0.01	0.32	0.33	0.248
4 WH PLANE 16X60	86	16.0	14520.	9.	280.	1.68	1.58	0.42	3.69	0.00	0.02	0.77	0.79	0.364
RIPPER 3 SHANK	90	3.5	4000.	10.	320.	3.23	3.24	0.88	7.35	0.00	0.12	6.22	6.35	3.143
VINE DIVERTER	104	15.0	9120.	15.	70.	0.16	0.21	0.06	0.43	0.00	0.00	0.06	0.06	0.021
PLANTER 6ROW	109	15.0	4140.	15.	135.	0.69	0.88	0.26	1.82	0.00	0.03	1.31	1.33	0.373
SPRINK-FURROW*	131	2.0	0.	20.	5000.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.500
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			770.			87.82	86.56	22.81	197.18	61.74	9.59	123.74	195.07	
TOTAL INVESTMENT			307810.											

BASED ON 400 ACRES TOMATOES ON 640 ACRE FARM
HANDMOVE SPRINKLER IRRIG: 36 ACIN/YR CASH RENT
ADD. PRAC.: NIGHTSHADE HERB. \$10/AC, WHITENER \$32/AC
DATE PRINTED: 02/13/81
Updated 2/5/81

*** TEMPORARY BUDGET ***

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 279
 SAMPLE COSTS TO PRODUCE CANNING TOMATOES BY W. SEYMAN
 SANTA CLARA COUNTY 1980 D. DOUGLAS
 YIELD: 30 TONS PER ACRE

FUEL USED IN GALLONS PER HOUR

TRACTOR 70HP	3.360	
TRACTOR 150HP	7.200	
TRACTOR 150HP	8.400	
CRAWLER 75HP	4.200	
IRR PUMP 75 HP*	18.379	(KWHRS)
TOMATO HARV.*	7.200	

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
TOMATO HARV.*	0.360	
DISK OFFSET	1.768	TRACTOR 150HP
DISK OFFSET	1.768	TRACTOR 150HP
RIPPER 3 SHANK	7.260	CRAWLER 75HP
4 WH PLANE 16X60	1.440	TRACTOR 150HP
BED SHAPER 6ROW	0.704	TRACTOR 70HP
SPIKE HARROW	0.918	TRACTOR 70HP
PLANTER 6ROW	1.379	TRACTOR 70HP
CULTIVATOR 6ROW	0.761	TRACTOR 70HP
DRY FERT APPLIC.	0.000	TRACTOR 70HP
VINE DIVERTER	0.761	TRACTOR 70HP
SPRINK-FURROW*	174.605	IRR PUMP 75 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 OFFSET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.884	4.420	0.000	5.304	DIESEL
DISK OFFSET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.884	4.420	0.000	5.304	DIESEL
RIPPER 3 SHANK	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.520	0.000	14.520	DIESEL
4 WH PLANE 16X60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.881	0.000	2.881	DIESEL
BED SHAPER 6ROW	0.000	0.704	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.704	1.408	DIESEL
SPIKE HARROW	0.000	0.918	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.918	DIESEL
PLANTER 6ROW	0.000	0.000	1.379	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.379	DIESEL
CULTIVATOR 6ROW	0.000	0.000	0.000	0.761	1.523	2.284	0.000	0.000	0.000	0.000	0.000	0.000	4.568	DIESEL
DRY FERT APPLIC.	0.000	0.000	0.000	0.000	0.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.963	DIESEL
VINE DIVERTER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.076	0.000	0.000	0.000	0.076	DIESEL
TRACTOR 150HP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.200	0.000	0.000	0.000	7.200	DIESEL
TRACTOR 150HP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.400	0.000	0.000	0.000	8.400	DIESEL
TOMATO HARV.*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.800	0.000	0.000	0.000	10.800	DIESEL
SPRINK-FURROW*	0.000	0.000	0.000	27.569	36.759	41.354	45.949	22.974	0.000	0.000	0.000	0.000	174.605	KWH
TOTALS	0.000	1.622	1.379	28.331	39.244	43.638	45.949	22.974	26.476	1.768	26.240	0.704	63.720	

GALLONS FUEL BY TYPE

0.00 GAS
 0.00 LP
 63.72 DIESEL
 0.00 N. GAS
 174.61 KWHRS

BASED ON 400 ACRES TOMATOES ON 640 ACRE FARM
 HANDMOVE SPRINKLER IRRIG: 36 ACIN/YR CASH RENT
 ADD. PRAC.: NIGHTSHADE HERB. \$10/AC, WHITENER \$32/AC
 ATE PRINTED: 02/13/81

updated 2/5/81

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

*** TEMPORARY BUDGE

MACHINERY OPERATIONS SUMMARY
 SAMPLE COSTS TO PRODUCE CANNING TOMATOES
 SANTA CLARA COUNTY 1980
 YIELD: 30 TONS PER ACRE

BUDGET RECORD NUMBER 279
 BY W. SEYMAN
 D. DOUGLAS

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
DISK OFFSET	7,	61 OCT	0.50	0.135	0.112	1.84	1.38
DISK OFFSET	7,	60 OCT	0.50	0.135	0.112	1.84	1.38
DISK OFFSET	7,	61 NOV	2.50	0.675	0.558	9.18	6.89
DISK OFFSET	7,	60 NOV	2.50	0.675	0.558	9.18	6.89
RIPPER 3 SHANK	11,	90 NOV	2.00	3.803	3.143	32.73	36.19
4 WH PLANE 16X60	7,	86 NOV	2.00	0.440	0.364	5.89	6.45
BED SHAPER 6ROW	4,	50 DEC	1.00	0.230	0.190	1.77	2.21
BED SHAPER 6ROW	4,	50 FEB	1.00	0.230	0.190	1.77	2.21
SPIKE HARROW	4,	73 FEB	1.00	0.301	0.248	1.91	1.33
PLANTER 6ROW	4,	109 MAR	1.00	0.451	0.373	3.71	3.06
CULTIVATOR 6ROW	4,	53 APR	1.00	0.249	0.206	1.73	1.61
CULTIVATOR 6ROW	4,	53 MAY	2.00	0.499	0.412	3.46	3.22
DRY FERT APPLIC.		69 MAY	1.00	0.000	0.260	0.77	1.88
ULTIVATOR 6ROW	4,	53 JUNE	3.00	0.748	0.618	5.19	4.83
VINE DIVERTER	4,	104 SEPT	0.10	0.025	0.021	0.19	0.50
TRACTOR 150HP		7 SEPT	1.00	1.200	1.000	12.75	6.90
TRACTOR 150HP		8 SEPT	1.00	1.200	1.000	14.07	6.90
TOMATOE HARV.*		38 SEPT	30.00	0.000	1.500	84.40	****

TOTALS 10.997 10.865 ***** 195.80

BASED ON 400 ACRES TOMATOES ON 640 ACRE FARM
 HANDMOVE SPRINKLER IRRIG: 36 ACIN/YR CASH RENT
 ADD. PRAC.: NIGHTSHADE HERB. \$10/AC, WHITENER \$32/AC
 DATE PRINTED: 02/13/81

Updated 2/5/81

STORED DATA PAGE (NO CALCULATIONS) FOR CANNING TOMATOES

BUDGET RECORD NUMBER 279

SAMPLE COSTS TO PRODUCE CANNING TOMATOES BY W. SEYMAN
SANTA CLARA COUNTY 1980 D. DOUGLAS

COSTS AND RETURNS WILL BE DIVIDED BY 30.0 TONS TO OBTAIN PER TON COSTS

Table with columns: LINE PRODUCTION, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC, PRICE, SHARE, UNIT, ITEM, TYPE, XXXX. Rows include CANNING TOMATOES, OPERATING INPUTS (CUSTOM LIST, PRE-MERGE HERB, INCORPORATION, FUMIGANT, CHEMICAL APPLIC, PRE-PLANT FERT., FERTILIZER APP, CANNING TOM SEED, INSECTICIDE, INSECT SPRAY, THINNING, SIDE DRESS FERT, BACTERIAL SPEC, FUNGICIDE APP, INSPECTION FEE).

Table with columns: MACHINERY REQUIREMENTS, IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE, CREW POWER MACH TYPE HARV. Rows include DISK OFFSET, RIPPER 3 SHANK, RED SHAPER 6ROW, SPIKE HARROW, PLANTER 6ROW, CULTIVATOR 6ROW, DRY FERT APPLIC., VINE DIVERTER, TRACTOR 150HP, TOMATO HARV., ACIN IRRIG WATER, NO. TIMES IRRIG.

EQUIPMENT REQUIREMENTS. NONE STORED WITH BUDGET. COLUMNS: NUMBER UNITS, PROPORT OF COST, XXX EQUIP TYPE XXXX. Includes ENTERPRISE 2-97 REGION/COUNTY 43 UNASSIGNED 00000 MACH CORP 3 IRRIG SYST 4 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 9.

BASED ON 400 ACRES TOMATOES ON 640 ACRE FARM
HANDMOVE SPRINKLER IRRIG: 36 ACIN/YR CASH RENT
ADD. PRAC.: NIGHTSHADE HERB. \$10/AC, WHITENER \$32/AC

Updated 2/5/81

MACHINERY COMPLEMENT 3
EQUIPMENT COMPLEMENT 1

Table with columns: LINE CHANGE, GENERAL NAME CHANGE, MACHNRY NAME CHANGE. Rows include INCORPORATION, BOOST. PUMP 75H, RIPPER 3 SHANK, CRAWLER 75HP, INSECT SPRAY, BACTERIAL SPEC, HERB. SPREADER, TRACTOR 150HP, TRACTOR 70HP, TRACTOR 150HP.

Table with columns: RM CL, VALUE. Rows include MACH CORP CHGS, EBDAT COMP CHGS, PARAMETER CHGS.

DATE PRINTED: 02/13/81

to default data

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 279
 SAMPLE COSTS TO PRODUCE CANNING TOMATOES BY W. SEYMAN
 SANTA CLARA COUNTY 1980 D. DOUGLAS
 YIELD: 30 TONS PER ACRE

*** TEMPORARY BUDGET ***

INCOME ABOVE VARIABLE COSTS
 WHEN THE PRICE OF CANNING TOMATOES RANGES FROM 43.20 TO 52.80
 AND THE QUANTITY OF CANNING TOMATOES RANGES FROM 29.00 TO 31.00

		PRICE OF CANNING TOMATOES					
		43.20	45.60	48.00	50.40	52.80	
*****		29.00	263.67	333.27	402.87	472.47	542.07
*****		29.50	285.27	356.07	426.87	497.67	568.47
QUANTITY OF CANNING TOM	*****	30.00	306.87	378.87	450.87	522.87	594.87
	*****	30.50	328.47	401.67	474.87	548.07	621.27
	*****	31.00	350.07	424.47	498.87	573.27	647.67

INCOME ABOVE ALL CASH COSTS
 WHEN THE PRICE OF CANNING TOMATOES RANGES FROM 43.20 TO 52.80
 AND THE QUANTITY OF CANNING TOMATOES RANGES FROM 29.00 TO 31.00

		PRICE OF CANNING TOMATOES					
		43.20	45.60	48.00	50.40	52.80	
*****		29.00	-59.13	10.47	80.07	149.67	219.27
*****		29.50	-37.53	33.27	104.07	174.87	245.67
QUANTITY OF CANNING TOM	*****	30.00	-15.93	56.07	128.07	200.07	272.07
	*****	30.50	5.67	78.87	152.07	225.27	298.47
	*****	31.00	27.27	101.67	176.07	250.47	324.87

INCOME ABOVE ALL COSTS
 WHEN THE PRICE OF CANNING TOMATOES RANGES FROM 43.20 TO 52.80
 AND THE QUANTITY OF CANNING TOMATOES RANGES FROM 29.00 TO 31.00

		PRICE OF CANNING TOMATOES					
		43.20	45.60	48.00	50.40	52.80	
*****		29.00	-233.51	-163.91	-94.31	-24.71	44.89
*****		29.50	-211.91	-141.11	-70.31	0.49	71.29
QUANTITY OF CANNING TOM	*****	30.00	-190.31	-118.31	-46.31	25.69	97.69
	*****	30.50	-168.71	-95.51	-22.31	50.89	124.09
	*****	31.00	-147.11	-72.71	1.69	76.09	150.49

BASED ON 400 ACRES TOMATOES ON 640 ACRE FARM
 HANDMOVE SPRINKLER IRRIG: 36 ACIN/YR CASH RENT
 ADD. PRAC.: NIGHTSHADE HERB. \$10/AC, WHITENER \$32/AC
 DATE PRINTED: 02/13/81

updated 2/5/81

Additional Notes: Canning Tomatoes
Santa Clara County 1980

Data Base: 425 acres canning tomatoes of 600-700 acre farm
300 acres canning tomatoes of 600-700 acre farm

A. Production

Yield: 30 tons per acre

B. Operating Inputs
Preharvest

1. Pre-plant herbicide: sincor w/ devrinol or devrinol alone
2. Fumigation: 2 weeks prior to planting
3. Pre-plant fertilizer: 12-12-12
4. Seed
 - a. hybrid: .6#/Ac @\$185.00/# 50% acreage
 - b. open pollinated: 1#/Ac @ \$22.50/# 50% acreage
5. Insecticide: at planting
6. Insecticide spray: aphids and flea beetles
7. Sidedress fertilizer: 12-12-12
8. Bacterial spec spray @ \$8/Ac
9. Additional practices include:
 - a. herbicide or nightshade 10 lbs/Ac in May @ \$1.00/lb
 - b. whitener 1x in August @ \$32.00/Ac

C. Machinery Requirements

- | | | | | |
|-----|------------------|----|-----------|----------------------------------|
| 1. | Disk | 1x | October | utilizing two disks and 150 Hp |
| | | 1x | November | tractors (50% acreage each) |
| 2. | Rip | 2x | " | |
| 3. | Disk | 2x | " | " " |
| 4. | Landplane | 2x | " | " " |
| 5. | Disk | 2x | " | " " |
| 6. | Bed shaper | 1x | December | |
| 7. | Spike harrow | 1x | February | work beds |
| 8. | Bed shaper | 1x | " | |
| 9. | Planter | 1x | March | |
| 10. | Cultivator | 1x | April | following insecticide spray |
| 11. | Fert. App. | 1x | May | sidedress |
| 12. | Cultivator | 2x | May | following each irrigation |
| | | 3x | June | " " |
| 13. | Vine diverter | 1x | September | to open the fields (10% acreage) |
| 14. | Tractors | 1x | September | pulling supplied gondolas |
| 15. | Tomato harvester | 1x | " | 17 man crew |

Multiple Investments:

- 2 150 HP tractors
- 2 offset disks

D. Irrigation Schedule

Booster pump: diesel 70 Hp utilized for all irrigations
Assumed pump var. & fixed costs at landlord's expense

1.	April	3x	@ 1	Acin
2.	May	4x	@ 1	Acin
3.	June	3x	@1.5	Acin
4.	July	2x	@2.5	Acin
5.	August	1x	@2.5	Acin