

TITLE: COST OF PRODUCTION & RETURNS OF TOMATOES
 FOR PROCESSING IN IMPERIAL COUNTY
 YIELD OF 25 TON

TM-SI-78

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CANNING TOMATOES	TON	56.100	25.000	1402.50	
TOTAL RECEIPTS:				\$ 1402.50	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM DISC	EACH	5.000	4.000	20.00	
BLD & BRK BORDER	ACRE	9.000	1.000	9.00	
FLOOD	ACFT	5.000	0.750	3.75	
CUSTOM FLOAT	ACRE	4.750	1.000	4.75	
CUSTOM LIST	ACRE	6.500	1.000	6.50	
ROTORATE	ACRE	12.000	1.000	12.00	
N-P-0	LBS.	0.100	300.000	30.00	
PHOSPHATE	LBS.	0.050	300.000	15.00	
CANNING TOM SEED	LBS.	18.000	1.500	27.00	
PLANTING LABOR	ACRE	10.000	1.000	10.00	
PRE-PLANT HERB	APLC	13.500	1.000	13.50	
MACHINE HIRE	ACRE	40.000	1.000	40.00	
THINNING	ACRE	42.500	1.000	42.50	
CUSTOM CULTIVATE	APLC	6.000	2.000	12.00	
INSECTICIDE	APLC	6.500	10.000	65.00	
NITROGEN	LBS.	0.260	250.000	65.00	
HAND HOEING	ACRE	21.250	1.000	21.25	
IRRIG DIST WATER	ACFT	5.000	4.500	22.50	
POST EMERG HERB	APLC	13.500	1.000	13.50	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			4.03	
IRRIGATION (LUBE-REPAIRS)	ACRE			0.26	
IRRIGATION WATER APPLIED	ACIN	0.049	5.250		
MACHINERY LABOR	HOUR	5.100	1.309	6.68	
IRRIGATION LABOR	HOUR	4.250	13.500	57.38	
INTEREST ON OPERATING CAP.	DOL.	0.086	136.924	11.48	
TOTAL PREHARVEST COSTS:				\$ 513.07	
PREHARVEST COST PER TON				\$ 20.52	
HARVEST:					
CUSTOM HARVEST	TON	23.500	25.000	587.50	
INTEREST ON OPERATING CAP.	DOL.	0.086	269.271	23.24	
TOTAL HARVEST COSTS:				\$ 610.74	
HARVEST COST PER TON				\$ 24.43	
TOTAL VARIABLE COSTS:					
VARIABLE COST PER TON				\$ 1123.81	
				\$ 44.95	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$ 278.69	
				\$ 11.15	
4. CASH OVERHEAD:					
CASH RENT:					
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				125.00	
				28.10	
TOTAL CASH OVERHEAD:				\$ 153.10	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ 125.60	
				\$ 5.02	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			1.18	
IRRIGATION SYSTEM	ACRE			1.41	
TOTAL DEPRECIATION:				\$ 2.59	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.086	4.291	0.37	
IRRIGATION SYSTEM		0.086	13.006	1.12	
TOTAL INTEREST CHARGE:				\$ 1.49	
TOTAL FIXED COSTS:				\$ 4.09	
FIXED COST PER TON				0.16	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 1280.99	
				51.24	
8. NET RETURNS:					
NET RETURNS PER TON				\$ 121.51	
				4.86	

BASED ON 150 ACRE CROP
 FURROW IRRIGATED
 TENNANT - LAND OWNER BASIS

06/17/78

BUDGET IDENTIFICATION NUMBER 2971300930 362 1
 DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 139
 HARVEST MONTH: 6

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2971300930 362 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 139

COST OF PRODUCTION & RETURNS OF TOMATOES
 FOR PROCESSING IN IMPERIAL COUNTY
 YIELD OF 25 TON

COSTS AND RETURNS WILL BE
 DIVIDED BY 25.0 TON
 TO OBTAIN PER TON COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
NUMBER OF UNITS																		
1 CANNING TOMATOES	0.00	0.00	0.00	0.00	0.00	12.50	12.50	0.00	0.00	0.00	0.00	0.00	56.100	0.000	3.	97.	2.	0.
OPERATING INPUTS																		
RATE/UNIT																		
PRICE																		
SHARE RENT																		
UNIT CODE																		
ITEM CODE																		
TYPE																		
HARV CODE																		
6 CUSTOM DISC	1.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5.000	0.000	23.	281.	3.	0.
7 BLD & BRK BORDER	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.000	0.000	7.	284.	3.	0.
8 FLOOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	5.000	0.000	30.	351.	3.	0.
9 CUSTOM FLOAT	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.750	0.000	7.	283.	3.	0.
10 CUSTOM LIST	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.500	0.000	7.	286.	3.	0.
11 ROTORATE	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.000	0.000	7.	288.	3.	0.
12 N-P-D	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.100	0.000	12.	212.	3.	0.
13 PHOSPHATE	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.050	0.000	12.	214.	3.	0.
14 CANNING TON SEED	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.000	0.000	12.	197.	3.	0.
15 PLANTING LABOR	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7.	332.	3.	0.
16 PRE-PLANT HERB	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.500	0.000	34.	265.	3.	0.
17 MACHINE HIRE	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.000	0.000	7.	300.	3.	0.
18 THINNING	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.500	0.000	7.	339.	3.	0.
19 CUSTOM CULTIVATE	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	34.	310.	3.	0.
20 INSECTICIDE	0.00	2.00	3.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.500	0.000	34.	240.	3.	0.
21 NITROGEN	0.00	0.00	125.00	125.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.260	0.000	12.	211.	3.	0.
22 HAND HOEING	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.250	0.000	7.	335.	3.	0.
23 IRRIG DIST WATER	0.00	1.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	30.	323.	3.	0.
24 POST EMERG HERB	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.500	0.000	34.	268.	3.	0.
25 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	12.50	12.50	0.00	0.00	0.00	0.00	0.00	23.500	0.000	3.	304.	3.	9.
MACHINERY REQUIREMENTS																		
IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE																		
M CREW POWER MACH TYPE HARV																		
LABOR UNIT CODE																		
SHARE SHARE POWER SYSN																		
FIXED % VAR % UNIT CODE																		
LIFT																		
26 PICKUP 1/2 T	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	0.000	0.000	0.	14.	4.	0.
49 ACIN IRRIG WATER	0.00	1.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.	132.	0.	0.
50 NO. TIRES IRRIG	0.00	2.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.	132.	0.	0.
EQUIPMENT REQUIREMENTS																		
NUMBER UNITS																		
PROPORT OF COST																		
XXX EQUIP TYPE XXXX																		
CODE																		
LAND REQUIREMENTS																		
CHARGE METHOD																		
NUMBER OF ACRES																		
VALUE OR COST/ACRE																		
TAXES PER ACRE																		
PERENNIAL CROPS YRS LIFE																		
COST/ACRE																		
71	2.				150.00		125.00	0.00	0.0			0.00						

BASED ON 150 ACRE CROP
 FURROW IRRIGATED
 TENNANT - LAND OWNER BASIS

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

06/17/78

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

UC Cooperative Extension

NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET

IDENTIFICATION NUMBER 2971300930 362 1 HARVEST MONTH 6 BUDGET RECORD NUMBER 139
 COST OF PRODUCTION & RETURNS OF TOMATOES
 FOR PROCESSING IN IMPERIAL COUNTY
 YIELD OF 25 TON

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	701.25	701.25	0.00	0.00	0.00	0.00	0.00	1402.50
OPERATING EXPENSES														
CUSTOM DISC	\$/AC	5.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	20.00
BLD & BRK BORDER	\$/AC	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
FLOOD	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75	3.75
CUSTOM FLOAT	\$/AC	4.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.75
CUSTOM LIST	\$/AC	0.00	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50
ROTORATE	\$/AC	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00
H-P-O	\$/AC	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
PHOSPHATE	\$/AC	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
CANNING TOM SEED	\$/AC	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.00
PLANTING LABOR	\$/AC	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
PRE-PLANT HERB	\$/AC	0.00	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50
MACHINE HIRE	\$/AC	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
THINNING	\$/AC	0.00	42.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.50
CUSTOM CULTIVATE	\$/AC	0.00	0.00	0.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00
INSECTICIDE	\$/AC	0.00	13.00	19.50	19.50	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00
NITROGEN	\$/AC	0.00	0.00	32.50	32.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00
HAND HOEING	\$/AC	0.00	0.00	21.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.25
IRRIG DIST WATER	\$/AC	0.00	5.00	5.00	5.00	5.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	22.50
POST EMERG HERB	\$/AC	0.00	0.00	0.00	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	293.75	293.75	0.00	0.00	0.00	0.00	0.00	587.50
MACHINE LABOR COST	\$/AC	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	6.68
INTEREST ON OPER. CAP.	\$/AC	0.69	6.66	1.92	1.25	0.26	0.00	23.31	0.06	0.06	0.05	0.04	0.41	34.72
EQUIPMENT COST	\$/AC	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	4.03
IRRIGATION COST	\$/AC	0.00	0.05	0.05	0.05	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.26
IRRIG LABOR COST	\$/AC	0.00	12.75	12.75	12.75	12.75	6.38	0.00	0.00	0.00	0.00	0.00	0.00	57.38
TOTAL EXPENSES	\$/AC	20.33	244.85	93.86	91.44	37.95	303.54	317.95	0.96	0.95	0.94	0.94	10.09	1123.81

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	1.31
IRRIGATION LABOR	HR/AC	0.00	3.00	3.00	3.00	3.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	13.50
IRRIG. WATER APPLIED	ACTN	0.00	1.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.75	5.25

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	
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	1.18	0.37	0.07	1.62	2.53	0.38	1.12	4.03	1.091
FURROW IRIG SYS*	132	2.0	38250.	10.	5000.	1.41	1.12	0.23	2.76	0.00	0.01	0.25	0.26	2.625
TOTAL INVESTMENT OR COST MACHINERY & EQUIPMENT			45750.			2.59	1.49	0.29	4.38	2.53	0.38	1.37	4.28	
INVESTMENT PER ACRE			305.											

BASED ON 150 ACRE CROP
 FURROW IRRIGATED
 TENNANT - LAND OWNER BASIS

UC Cooperative Extension

06/17/78

BUDGET IDENTIFICATION NUMBER 2971300930 362 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 139

COST OF PRODUCTION & RETURNS OF TOMATOES
 FOR PROCESSING IN IMPERIAL COUNTY
 YIELD OF 25 TON

COSTS AND RETURNS WILL BE
 DIVIDED BY 25.0 TON
 TO OBTAIN PER TON COSTS

LINE	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	13 PRICE	14 SHARE RENT	15 UNIT CODE	16 ITEM CODE	17 TYPE	18 XXXX
PRODUCTION	NUMBER OF UNITS																	
1 CANNING TOMATOES	0.00	0.00	0.00	0.00	0.00	12.50	12.50	0.00	0.00	0.00	0.00	0.00	56.100	0.000	3.	97.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
6 CUSTOM DISC	1.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5.000	0.000	23.	281.	3.	0.
7 BLD & BRK BORDER	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.000	0.000	7.	284.	3.	0.
8 FLOOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	5.000	0.000	30.	351.	3.	0.
9 CUSTOM FLOAT	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.750	0.000	7.	283.	3.	0.
10 CUSTOM LIST	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.500	0.000	7.	286.	3.	0.
11 ROTORATE	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.000	0.000	7.	288.	3.	0.
12 N-P-O	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.100	0.000	12.	212.	3.	0.
13 PHOSPHATE	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.050	0.000	12.	214.	3.	0.
14 CANNING TOM SEED	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.000	0.000	12.	197.	3.	0.
15 PLANTING LABOR	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7.	332.	3.	0.
16 PRE-PLANT HERB	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.500	0.000	34.	265.	3.	0.
17 MACHINE HIRE	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.000	0.000	7.	300.	3.	0.
18 THINNING	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.500	0.000	7.	339.	3.	0.
19 CUSTOM CULTIVATE	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	34.	310.	3.	0.
20 INSECTICIDE	0.00	2.00	3.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.500	0.000	34.	240.	3.	0.
21 NITROGEN	0.00	0.00	125.00	125.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.260	0.000	12.	211.	3.	0.
22 HAND HOEING	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.250	0.000	7.	335.	3.	0.
23 IRRIG DIST WATER	0.00	1.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	30.	323.	3.	0.
24 POST EMERG HERB	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.500	0.000	34.	268.	3.	0.
25 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	12.50	12.50	0.00	0.00	0.00	0.00	0.00	23.500	0.000	3.	304.	3.	9.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW POWER MACH TYPE HARV					
26 PICKUP 1/2 T	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	0.000	0.000	0.	14.	4.	0.
49 ACIN IRRIG WATER	0.00	1.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.	132.	0.	
50 NO. TIMES IRRIG	0.00	2.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.	132.	0.	

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX	EQUIP CODE	TYPE	XXXX
LAND REQUIREMENTS	CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE
71	2.	150.00	125.00	0.00	0.0	0.00

BASED ON 150 ACRE CROP
 FURROW IRRIGATED
 TENNANT - LAND OWNER BASIS

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

06/17/78

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET
 NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET

UC Cooperative Extension