

TITLE: COSTS TO PRODUCE FALL CANTALOUPE  
 IMPERIAL COUNTY - 1977  
 TENANT - LANDOWNER BASIS

*Cantaloupes #223*

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
CANTALOUPE	TON	240.000	7.000	1680.00	
TOTAL RECEIPTS:				\$ 1680.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
CANTALOUPE SEED	LBS.	6.000	1.500	9.00	
NITROGEN	LBS.	0.250	60.000	15.00	
INSECTICIDE	ACRE	3.750	4.000	15.00	
FUNGICIDE	ACRE	3.750	4.000	15.00	
APIARY COLONY	UNIT	10.000	1.500	15.00	
N-P-O	LBS.	0.090	200.000	18.00	
THINNING	HOUR	3.750	5.000	18.75	
HAND HOEING	HOUR	3.750	5.000	18.75	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			29.06	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			10.75	
IRRIGATION POWER COST	ACRE			39.58	
IRRIGATION (LUBE-REPAIRS)	ACRE			3.41	
IRRIGATION WATER APPLIED	ACIN	1.303	33.000		
MACHINERY LABOR	HOUR	5.100	5.871	29.94	
IRRIGATION LABOR	HOUR	4.170	10.000	41.70	
INTEREST ON OPERATING CAP.	DOL.	0.086	191.341	16.37	
TOTAL PREHARVEST COSTS:				\$ 295.32	
PREHARVEST COST PER TON				\$ 42.19	
<b>HARVEST:</b>					
CUSTOM HARVEST	LUGS	5.000	175.000	875.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	547.083	47.21	
TOTAL HARVEST COSTS:				\$ 922.21	
HARVEST COST PER TON				\$ 131.74	
TOTAL VARIABLE COSTS:				\$ 1217.53	
VARIABLE COST PER TON				\$ 173.93	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER TON				\$ 462.47	
				\$ 66.07	
<b>4. CASH OVERHEAD:</b>					
CASH RENT:				\$ 120.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				30.44	
TOTAL CASH OVERHEAD:				\$ 150.44	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
INCOME PER TON				\$ 312.03	
				\$ 44.58	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			17.94	
TOTAL DEPRECIATION:				\$ 17.94	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.086	173.828	15.00	
TOTAL INTEREST CHARGE:				\$ 15.00	
TOTAL FIXED COSTS:				\$ 32.94	
FIXED COST PER TON				4.71	
<b>7. TOTAL OF ABOVE COSTS:</b>					
TOTAL COST PER TON				\$ 1400.91	
				200.13	
<b>8. NET RETURNS:</b>					
NET RETURNS PER TON				\$ 279.09	
				39.87	

Historical File - 1977 Budget

FLOOD IRRIGATED CANTALOUPE TYPICAL CULTURAL PRACTICES REPRESENTED  
 YIELD 7TON PER ACRE CLASS II (SCS) SOILS  
 SPRINKLER IRRIGATE (JULY)(RENT)@40.00/ACRE DATE: UPDATED 11/10/78

BUDGET IDENTIFICATION NUMBER 2711300620 312 1 BUDGET RECORD NUMBER 223  
 DATE PRINTED: 03/20/79 HARVEST MONTH: 6

IDENTIFICATION NUMBER 2711300620 312 1  
 COSTS TO PRODUCE FALL CANTALOUPE  
 IMPERIAL COUNTY - 1977  
 TENANT - LANDOWNER BASIS

HARVEST MONTH 6

BUDGET RECORD NUMBER 223

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	0.00	0.00	840.00	840.00	0.00	1680.00
OPERATING EXPENSES															
CANTALOUPE SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	15.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	7.50	7.50	0.00	0.00	0.00	0.00	0.00	15.00
FUNGICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50	7.50	0.00	0.00	15.00
APIARY COLONY	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50	7.50	0.00	0.00	0.00	15.00
N-P-O	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00
THINNING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.75	0.00	0.00	0.00	0.00	0.00	18.75
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.75	0.00	0.00	0.00	18.75
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	440.00	435.00	0.00	0.00	875.00
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	3.41	3.30	7.53	7.28	1.27	2.03	2.03	3.09	29.94	
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.00	0.00	0.08	0.00	5.44	4.13	2.75	28.41	22.44	0.32	63.59	
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	6.32	3.21	7.18	5.45	1.38	1.14	1.14	3.23	29.06	
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.00	2.32	1.17	3.68	1.41	0.35	0.23	0.23	1.36	10.75	
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	0.00	7.82	7.82	9.12	9.12	9.12	0.00	0.00	42.99	
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	8.34	8.34	8.34	8.34	8.34	0.00	0.00	41.70	
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	0.00	12.14	23.83	74.49	61.98	45.71	523.03	468.35	8.00	1217.53	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	0.67	0.65	1.48	1.43	0.25	0.40	0.40	0.61	5.87	
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	10.00	
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	0.00	6.00	6.00	7.00	7.00	7.00	0.00	0.00	33.00	

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 60 HP	3	60.0	13600.	12.	1000.	1.82	1.57	0.33	3.71	2.83	0.42	3.49	6.75	2.138
TRACTOR 90 HP	5	90.0	23000.	12.	1000.	0.97	0.83	0.17	1.98	1.34	0.20	1.86	3.39	0.673
TRACTOR 105 HP	6	105.0	27500.	12.	1000.	0.78	0.67	0.14	1.59	1.10	0.17	1.50	2.76	0.453
TRACT 4WD 175HP	8	135.0	52000.	12.	1000.	3.57	3.08	0.64	7.30	4.96	0.74	5.72	11.42	1.100
CRAWLER 65 HP	10	65.0	26700.	17.	900.	0.62	0.63	0.14	1.39	0.71	0.11	0.69	1.51	0.424
CRAWLER 85 HP	11	85.0	55000.	17.	900.	1.65	1.69	0.38	3.72	1.20	0.18	1.85	3.23	0.550
IRR PUMP 75 HP*	22	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	39.58	0.59	1.20	41.38	16.500
SUBSOILER	46	10.0	5000.	10.	250.	0.82	0.51	0.11	1.44	0.00	0.03	1.33	1.36	0.500
CULTIVATOR 6ROW	53	15.0	3300.	15.	140.	0.59	0.46	0.11	1.15	0.00	0.01	0.68	0.69	0.412
DISC OFFSET HDY	63	21.0	9300.	15.	110.	3.03	2.38	0.57	5.98	0.00	0.08	3.76	3.83	0.595
FERTILZ INJECTOR	70	10.0	2360.	15.	140.	0.64	0.50	0.12	1.25	0.00	0.02	1.09	1.11	0.625
FURROWER 6SHOVEL	92	9.8	1500.	15.	125.	0.24	0.19	0.04	0.47	0.00	0.01	0.27	0.28	0.332
SPRAYER PTO	93	35.0	1700.	14.	180.	0.79	0.60	0.14	1.53	0.00	0.02	0.90	0.92	1.319
MB PLOW 5-16	98	6.7	5500.	15.	90.	1.49	1.17	0.28	2.94	0.00	0.03	1.34	1.37	0.404
PLANTER BROW	110	20.0	4600.	15.	100.	0.78	0.61	0.14	1.53	0.00	0.02	0.96	0.98	0.280
SURFACE IRR SYS*	128	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.03	1.58	1.61	16.500
DISK BORDER THDM	136	12.0	1275.	14.	180.	0.12	0.09	0.02	0.23	0.00	0.00	0.19	0.20	0.260
CHECK BREAKER	139	8.0	480.	15.	100.	0.04	0.03	0.01	0.07	0.00	0.00	0.02	0.02	0.125

TOTAL INVESTMENT OR COST 232815.  
 MACHINERY & EQUIPMENT 2328.  
 INVESTMENT PER ACRE 17.94 15.00 3.35 36.29 51.72 2.66 28.42 82.80

FLOOD IRRIGATED CANTALOUPE TYPICAL CULTURAL PRACTICES REPRESENTED  
 YIELD 7TON PER ACRE CLASS II (SCS) SOILS  
 SPRINKLER IRRIGATE (JULY)(RENT)@40.00/ACRE DATE: UPDATED 11/10/78

BUDGET IDENTIFICATION NUMBER 2711300620 312 1  
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 223

COSTS TO PRODUCE FALL CANTALOUPE  
 IMPERIAL COUNTY - 1977  
 TENANT - LANDOWNER BASIS

COSTS AND RETURNS WILL BE  
 DIVIDED BY 7.0 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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION																		
1 CANTALOUPE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	3.50	0.00	24.000	0.000	3.71	2.	0.	
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	CODE	CODE		CODE	
6 CANTALOUPE SEED	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	6.000	0.000	12.171	3.	0.	
7 NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	0.250	0.000	12.211	3.	0.	
8 INSECTICIDE	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	3.750	0.000	7.240	3.	0.	
9 FUNGICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	3.750	0.000	7.241	3.	0.	
10 APIARY COLONY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	10.000	0.000	22.350	3.	0.	
11 N-P-0	0.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.090	0.000	12.212	3.	0.	
12 THINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	3.750	0.000	8.339	3.	0.	
13 HAND HOEING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.750	0.000	8.335	3.	0.	
15 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.00	87.00	0.00	5.000	0.000	27.304	3.	9.	
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 MB PLOW 5-16	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	8.98	4.	0.	
27 DISC OFFSET HDY	0.00	0.00	0.00	0.00	1.00	1.00	2.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.63	4.	0.	
28 DISK BORDER TDM	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	10.136	4.	0.	
29 FERTLZR INJECTOR	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.000	0.000	3.70	4.	0.	
30 CULTIVATOR 6ROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	6.53	4.	0.	
31 PLANTR BROW	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.110	4.	0.	
32 SPRAYER PTO	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	0.000	0.000	3.93	4.	0.	
33 FURROWER 6SHOVEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.000	0.000	5.92	4.	0.	
34 CHECK BREAKER	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	10.139	4.	0.	
35 SUBSOILER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.000	0.000	11.46	4.	0.	
													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	0.00	6.00	6.00	7.00	7.00	7.00	0.00	0.00	1.00	0.00	22.128	200.		
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	0.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00						

EQUIPMENT REQUIREMENTS																						
													NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX				
													UNITS	OF COST		CODE						
LAND REQUIREMENTS																						
	CHARGE	NUMBER			VALUE OR			TAXES			PERENNIAL CROPS											
	METHOD	OF ACRES			COST/ACRE			PER ACRE			YRS LIFE			COST/ACRE								
71	2.	100.00			120.00			0.00			0.0			0.00								

FLOOD IRRIGATED CANTALOUPE YIELD 7TON PER ACRE  
 SPRINKLER IRRIGATE (JULY)(RENT)@40.00/ACRE  
 TYPICAL CULTURAL PRACTICES REPRESENTED  
 CLASS II (SCS) SOILS  
 MACHINERY COMPLEMENT 3  
 EQUIPMENT COMPLEMENT 1  
 DATE: UPDATED 11/10/78

\*\*\*NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

PARAMETER	CHGS-->	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.
		RW	CL	VALUE	RW	CL	VALUE	RW	CL	VALUE	RW	CL	VALUE
				3.750000			4.170000						