

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CANTALOUPE	TON	200.000	8.000	1600.00	
TOTAL RECEIPTS:				\$ 1600.00	
2. VARIABLE COSTS:					
PREHARVEST:					
CANTALOUPE SEED	LBS.	1.850	3.000	5.55	
HERBICIDE	ACRE	5.250	2.000	10.50	
FERTILIZER	LBS.	0.085	250.000	21.25	
NITROGEN	LBS.	0.150	125.000	18.75	
THINNING	HOUR	2.800	3.250	9.10	
HAND HOEING	HOUR	2.800	6.750	18.90	
INSECTICIDE	ACRE	15.000	1.000	15.00	
APIARY COLONY	ACRE	10.000	1.500	15.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			16.08	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			5.80	
IRRIGATION POWER COST	ACRE			32.90	
IRRIGATION (LUBE-REPAIRS)	ACRE			2.71	
IRRIGATION WATER APPLIED	ACIN	1.370	26.000		
MACHINERY LABOR	HOUR	5.100	3.754	19.14	
IRRIGATION LABOR	HOUR	4.250	13.500	57.36	
INTEREST ON OPERATING CAP.	DOL.	0.086	61.580	5.16	
TOTAL PREHARVEST COSTS:				\$ 253.22	
PREHARVEST COST PER CTNS				\$ 0.63	
HARVEST:					
CUSTOM HARVEST	ACRE	980.000	1.000	980.00	
TOTAL HARVEST COSTS:				\$ 980.00	
HARVEST COST PER CTNS				\$ 2.45	
TOTAL VARIABLE COSTS:				\$ 1233.22	
VARIABLE COST PER CTNS				\$ 3.08	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CTNS				\$ 366.78	
				\$ 0.92	
4. CASH OVERHEAD:					
CASH RENT:				\$ 100.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				30.83	
TOTAL CASH OVERHEAD:				\$ 130.83	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CTNS				\$ 235.95	
				\$ 0.59	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			17.27	
TOTAL DEPRECIATION:				\$ 17.27	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	192.209	16.59	
TOTAL INTEREST CHARGE:				\$ 16.59	
TOTAL FIXED COSTS:				\$ 33.86	
FIXED COST PER CTNS				0.08	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER CTNS				\$ 1397.91	
				3.49	
8. NET RETURNS:					
NET RETURNS PER CTNS				\$ 202.09	
				0.51	

SPRINKLER AND FURROW IRRIGATION
 YIELDING 400-40 LB CARTONS PER ACRE
 EARLY SUMMER HARVEST

UPDATED 09/14/78 UC Cooperative Extension
 BUDGET RECORD NUMBER 221
 HARVEST MONTH: 6

IDENTIFICATION NUMBER 2711500520 262 1
 SAMPLE COSTS TO PRODUCE CANTALOUPE
 SOUTHERN SAN JOAQUIN VALLEY
 TENANT-LANDOWNER BASIS

HARVEST MONTH 6

BUDGET RECORD NUMBER 221

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

CATEGORY	UNIT	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	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	1600.00
OPERATING EXPENSES														
CANTALOUPE SEED	\$/AC	0.00	5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.55
HERBICIDE	\$/AC	5.25	5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
FERTILIZER	\$/AC	21.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.25
NITROGEN	\$/AC	0.00	18.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.75
THINNING	\$/AC	0.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10
HAND HOEING	\$/AC	0.00	9.10	0.00	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.90
INSECTICIDE	\$/AC	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
APIARY COLONY	\$/AC	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	980.00	0.00	0.00	0.00	0.00	0.00	0.00	980.00
MACHINE LABOR COST	\$/AC	10.14	3.66	4.34	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.14
INTEREST ON OPER. CAP.	\$/AC	1.71	1.85	0.60	0.84	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.16
TRACTOR COST	\$/AC	8.37	2.96	4.18	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.08
EQUIPMENT COST	\$/AC	3.84	1.25	0.62	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80
IRRIGATION COST	\$/AC	0.00	4.11	6.85	8.22	8.22	8.22	0.00	0.00	0.00	0.00	0.00	0.00	35.61
IRRIG LABOR COST	\$/AC	0.00	6.38	12.75	12.75	12.75	12.75	0.00	0.00	0.00	0.00	0.00	0.00	57.38
TOTAL EXPENSES	\$/AC	50.55	67.94	29.33	61.61	22.81	1000.97	0.00	0.00	0.00	0.00	0.00	0.00	1233.22

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	1.99	0.72	0.85	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
IRRIGATION LABOR	HR/AC	0.00	1.50	3.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50
IRRIG. WATER APPLIED	ACIN	0.00	3.00	5.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00

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.	20.	600.	1.22	1.36	0.31	2.89	1.63	0.24	2.01	3.89	1.231
TRACTOR 105 HP	6	105.0	27500.	20.	600.	1.80	2.01	0.46	4.27	2.18	0.33	2.97	5.48	0.899
CRAWLER 85 HP	11	85.0	55000.	20.	500.	6.14	8.86	1.59	14.59	2.81	0.42	3.48	6.71	1.282
IRR PUMP 75 HP*	22	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	32.90	0.49	0.95	34.34	13.000
SUBSOILER	45	8.0	4200.	15.	170.	0.93	0.73	0.17	1.83	0.00	0.03	1.40	1.43	0.625
CULTIVATOR 6ROW	53	15.0	3300.	15.	80.	0.51	0.40	0.10	1.01	0.00	0.01	0.29	0.29	0.206
DISC OFFSET HDY	63	21.0	9300.	15.	60.	2.78	2.18	0.52	5.48	0.00	0.03	1.57	1.60	0.298
FERTILZR INJECTOR	70	10.0	2360.	15.	80.	1.12	0.87	0.21	2.19	0.00	0.02	0.87	0.89	0.625
LANDPLANE 12X45	85	12.0	7100.	15.	190.	0.55	0.43	0.10	1.08	0.00	0.01	0.26	0.27	0.243
FURROWER 6SHOVEL	92	9.8	1500.	15.	70.	0.43	0.34	0.08	0.84	0.00	0.00	0.23	0.23	0.332
SPRAYER PTO	93	35.0	1700.	15.	100.	0.51	0.40	0.09	1.00	0.00	0.01	0.28	0.28	0.495
PLANTER 8ROW	110	20.0	4600.	15.	60.	1.29	1.01	0.24	2.55	0.00	0.02	0.79	0.80	0.280
FURROW IRIG SYS*	132	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.02	1.25	1.27	13.000

TOTAL INVESTMENT OR COST 130160.
 MACHINERY & EQUIPMENT 1302.
 INVESTMENT PER ACRE 17.27 16.59 3.88 37.74 39.52 1.63 16.34 57.48

SPRINKLER AND FURROW IRRIGATION
 YIELDING 400-40 LB CARTONS PER ACRE
 EARLY SUMMER HARVEST

UPDATED 09/14/78

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	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	1600.00
OPERATING EXPENSES														
CANTALOUPE SEED	\$/AC	0.00	5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.55
HERBICIDE	\$/AC	5.25	5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
FERTILIZER	\$/AC	21.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.25
NITROGEN	\$/AC	0.00	18.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.75
THINNING	\$/AC	0.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10
HAND HOEING	\$/AC	0.00	9.10	0.00	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.90
INSECTICIDE	\$/AC	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
APIARY COLONY	\$/AC	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	980.00	0.00	0.00	0.00	0.00	0.00	0.00	980.00
MACHINE LABOR COST	\$/AC	19.18	5.57	4.34	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.10
INTEREST ON OPER. CAP.	\$/AC	2.08	1.96	0.55	0.84	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58
TRACTOR COST	\$/AC	8.37	2.96	4.18	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00
EQUIPMENT COST	\$/AC	4.28	1.69	0.62	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.68
IRRIGATION COST	\$/AC	0.00	4.11	6.85	8.22	8.22	8.22	0.00	0.00	0.00	0.00	0.00	0.00	35.61
IRRIG LABOR COST	\$/AC	0.00	6.38	12.75	12.75	12.75	12.75	0.00	0.00	0.00	0.00	0.00	0.00	57.38
TOTAL EXPENSES	\$/AC	61.30	71.87	26.71	61.61	22.24	1000.97	0.00	0.00	0.00	0.00	0.00	0.00	1245.47

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	3.76	1.09	0.85	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.90
IRRIGATION LABOR	HR/AC	0.00	1.50	3.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50
IRRIG. WATER APPLIED	ACIN	0.00	3.00	5.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00

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.	20.	600.	1.22	1.36	0.31	2.89	1.63	0.24	2.01	3.89	1.231
TRACTOR 105 HP	6	105.0	27500.	20.	600.	1.80	2.01	0.46	4.27	2.18	0.33	2.97	5.48	0.899
CRAWLER 85 HP	11	85.0	55000.	20.	500.	6.14	6.86	1.59	14.59	2.81	0.42	3.48	6.71	1.282
IRR PUMP 75 HP*	22	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	32.90	0.49	0.95	34.34	13.000
SUBSOILER	45	8.0	4200.	15.	170.	0.93	0.73	0.17	1.83	0.00	0.03	1.40	1.43	0.625
CULTIVATOR 6ROW	53	15.0	3300.	15.	80.	0.51	0.40	0.10	1.01	0.00	0.01	0.29	0.29	0.206
DISC OFFSET HDY	63	21.0	9300.	15.	60.	2.78	2.18	0.52	5.48	0.00	0.03	1.57	1.60	0.298
FERTILZR INJECTOR	70	10.0	2360.	15.	80.	1.12	0.87	0.21	2.19	0.00	0.02	0.87	0.89	0.625
LANDPLANE 12X45	85	12.0	7100.	15.	190.	0.55	0.43	0.10	1.08	0.00	0.01	0.26	0.27	0.243
FURROWER 6SHOVEL	92	9.8	1500.	15.	70.	0.43	0.34	0.08	0.84	0.00	0.00	0.23	0.23	0.332
SPRAYER PTO	93	35.0	1700.	15.	100.	0.51	0.40	0.09	1.00	0.00	0.01	0.28	0.28	0.495
PLANTER 6ROW	110	20.0	4600.	15.	60.	1.29	1.01	0.24	2.55	0.00	0.02	0.79	0.80	0.280
FURROW IRRIG SYS*	132	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.02	1.25	1.27	13.000

TOTAL INVESTMENT OR COST 130160.
 MACHINERY & EQUIPMENT 1302.
 INVESTMENT PER ACRE 17.27 16.59 3.88 37.74 39.52 1.63 16.34 57.48

BUDGET IDENTIFICATION NUMBER 2711500520 262 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 221

SAMPLE COSTS TO PRODUCE CANTALOUPE
 SOUTHERN SAN JOAQUIN VALLEY
 TENANT-LANDOWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 400.0 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
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
	NUMBER OF UNITS																	
1 CANTALOUPE	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00200.000	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	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.850	0.000	12.	171.	3.	0.
7 HERBICIDE	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	7.	250.	3.	0.
8 FERTILIZER	250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.085	0.000	12.	200.	3.	0.
9 NITROGEN	0.00125.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.150	0.000	12.	211.	3.	0.
10 THINNING	0.00	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.800	0.000	8.	339.	3.	0.
11 HAND HOEING	0.00	3.25	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.800	0.000	8.	335.	3.	0.
12 INSECTICIDE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000	0.000	7.	240.	3.	0.
13 APIARY COLONY	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7.	350.	3.	0.
15 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00980.000	0.000	7.	304.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW POWER		MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 SUBSOILER	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	45.	4.	0.
27 DISC OFFSET HDTY	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	63.	4.	0.
28 LANDPLANE 12X45	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	85.	4.	0.
29 FERTLZR INJECTOR	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	70.	4.	0.
30 SPRAYER PTO	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	93.	4.	0.
31 PLANTER 8ROW	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	110.	4.	0.
32 CULTIVATOR 6ROW	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	53.	4.	0.
33 FURROWER 6SHOVEL	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	92.	4.	0.

													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	3.00	5.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	22.	132.	200.	
50 NO. TIMES IRRIG	0.00	1.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	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	100.00	0.00	0.0

SPRINKLER AND FURROW IRRIGATION
 YIELDING 400-40 LB CARTONS PER ACRE
 EARLY SUMMER HARVEST

MACHINERY COMPLEMENT 2
 EQUIPMENT COMPLEMENT 1

UPDATED 09/11/78

UC Cooperative Extension

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET