

TITLE: SAMPLE COSTS AND RETURNS FOR CANTALOUPE PRODUCTION BY DON MAY,  
 FRESNO CO. 1980 FARM ADVISOR  
 YIELD: 450 CRATES PER ACRE (40 lbs/crate)

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
CANTALOUPE	CRTE	4.000	450.000	\$ 1800.00	
<b>TOTAL RECEIPTS:</b>				\$ 1800.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
NITROGEN	LBS.	0.150	125.000	18.75	
CANTALOUPE SEED	LBS.	1.850	3.000	5.55	
THINNING	HOUR	4.500	5.000	22.50	
INSECTICIDE	ACRE	20.000	1.000	20.00	
CUSTOM AIR PEST	APLC	7.000	1.000	7.00	
HAND HOEING	HOUR	4.500	3.500	15.75	
MISCL EXPENSE	ACRE	6.000	1.000	6.00	
POLLINATION	UNIT	12.000	1.500	18.00	
IRRIG DIST WATER	ACIN	1.000	40.000	40.00	
PHOSPHATE	LBS.	0.140	250.000	35.00	
HERBICIDE	ACRE	6.000	1.000	6.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			22.26	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			7.15	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.12	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.059	36.000	2.11	
MACHINERY LABOR	HOUR	5.500	3.275	18.01	
MACHINE CREW LABOR	HOUR	4.500	0.903	4.06	
IRRIGATION LABOR	HOUR	5.500	8.400	46.20	
INTEREST ON OPERATING CAP.	DOL.	0.140	93.038	12.50	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 306.96	
<b>PREHARVEST COST PER CRTE</b>				\$ 0.6821	
<b>HARVEST:</b>					
HARVEST & HAUL	CRTE	1.000	469.000	469.00	
PACKING	CRTE	2.200	450.000	990.00	
<b>TOTAL HARVEST COSTS:</b>				\$ 1459.00	
<b>HARVEST COST PER CRTE</b>				\$ 3.2422	
<b>TOTAL VARIABLE COSTS:</b>				\$ 1765.96	
<b>VARIABLE COST PER CRTE</b>				\$ 3.9244	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER CRTE</b>				\$ 34.04	
				\$ 0.0756	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				0.17	
<b>CASH RENT:</b>				175.00	
<b>MISC. OFFICE &amp; BOOKKEEPING ( 8.00% OF TOTAL VARIABLE COSTS)</b>				141.28	
<b>TOTAL CASH OVERHEAD:</b>				\$ 316.44	
<b>OVERHEAD COST PER CRTE</b>				0.7032	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER CRTE</b>				\$ -282.40	
				\$ -0.6276	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			20.04	
BUILDINGS	ACRE			0.56	
<b>TOTAL DEPRECIATION:</b>				\$ 20.60	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.140	228.175	31.94	
BUILDINGS		0.107	9.784	1.04	
<b>TOTAL INTEREST CHARGE:</b>				\$ 32.99	
<b>TOTAL FIXED COSTS:</b>				\$ 53.59	
<b>FIXED COST PER CRTE</b>				0.1191	
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER CRTE</b>				\$ 2135.99	
				4.7466	
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER CRTE</b>				\$ -335.99	
				-0.7466	

FURROW IRRIGATION USING DISTRICT (CCID) WATER  
 SUMMER HARVEST  
 TOP MANAGEMENT ASSURED

AUTHOR:  
 UPDATED 02/28/80

BUDGET IDENTIFICATION NUMBER 2711000000 292 1  
 DATE PRINTED: 06/09/80  
 1980 default data

BUDGET RECORD NUMBER 252  
 HARVEST MONTH: 8

IDENTIFICATION NUMBER 271100000 292 1

HARVEST MONTH 8

BUDGET RECORD NUMBER 252

SAMPLE COSTS AND RETURNS FOR CANTALOUPE PRODUCTION BY DON MAY,  
 FRESNO CO. 1980 FARM ADVISOR  
 YIELD: 450 CRATES PER ACRE

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	1800.00	0.00	0.00	0.00	0.00	1800.00
<b>OPERATING EXPENSES</b>															
NITROGEN	\$/AC	0.00	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
CANTALOUPE SEED	\$/AC	0.00	0.00	0.00	5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.55
THINNING	\$/AC	0.00	0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50
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	0.00	20.00
CUSTOM AIR PEST	\$/AC	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	0.00	15.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.75
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	1.80	1.80	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
POLLINATION	\$/AC	0.00	0.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	469.00	0.00	0.00	0.00	0.00	469.00
IRRIG DIST WATER	\$/AC	0.00	0.00	8.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	40.00
PACKING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	990.00	0.00	0.00	0.00	0.00	990.00
PHOSPHATE	\$/AC	0.00	0.00	35.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00
HERBICIDE	\$/AC	0.00	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
MACHINE LABOR COST	\$/AC	4.38	0.00	0.12	7.94	4.01	0.12	0.36	0.00	0.00	0.00	0.00	0.00	5.15	22.07
INTEREST ON OPER. CAP.	\$/AC	0.96	0.00	3.94	2.65	2.61	0.76	0.18	0.00	0.00	0.00	0.00	0.00	1.40	12.50
TRACTOR COST	\$/AC	6.38	0.00	0.00	4.06	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.51	22.26
EQUIPMENT COST	\$/AC	1.30	0.00	0.12	1.51	1.04	0.12	0.37	0.00	0.00	0.00	0.00	0.00	2.68	7.15
BLDG OPER. COST	\$/AC	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.12
IRRIGATION COST	\$/AC	0.00	0.00	0.47	0.35	0.47	0.18	0.18	0.47	0.00	0.00	0.00	0.00	0.00	2.11
IRRIG LABOR COST	\$/AC	0.00	0.00	7.70	7.70	7.70	7.70	7.70	7.70	0.00	0.00	0.00	0.00	0.00	46.20
TOTAL EXPENSES	\$/AC	13.04	0.00	74.12	62.08	80.95	35.04	16.80	1467.18	0.00	0.00	0.00	16.75	1765.96	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.80	0.00	0.02	0.70	0.73	0.02	0.07	0.00	0.00	0.00	0.00	0.94	3.27
MACH. CREW LABOR	HR/AC	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90
IRRIGATION LABOR	HR/AC	0.00	0.00	1.40	1.40	1.40	1.40	1.40	1.40	0.00	0.00	0.00	0.00	8.40
IRRIG. WATER APPLIED	ACIN	0.00	0.00	8.00	6.00	8.00	3.00	3.00	8.00	0.00	0.00	0.00	0.00	36.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANM HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX \$/INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 75 HP	4	75.0	17400.	20.	600.	1.09	1.98	0.56	3.63	2.79	0.42	1.80	5.01	0.864
CRAWLER 85 HP	11	85.0	66000.	20.	500.	11.24	20.38	5.81	37.43	9.46	1.42	6.37	17.25	1.955
PICKUP 1/2 T	14	0.5	9000.	6.	750.	0.22	0.16	0.04	0.42	0.70	0.10	0.18	0.98	0.145
SUBSOILER	45	8.0	5040.	15.	170.	1.12	1.42	0.42	2.96	0.00	0.03	1.69	1.72	0.625
CULTIVATOR 6ROW	53	15.0	3960.	15.	80.	1.23	1.56	0.46	3.25	0.00	0.01	0.69	0.70	0.412
SADDLE TANKS	55	15.0	3480.	8.	250.	0.24	0.20	0.05	0.49	0.00	0.01	0.43	0.44	0.173
DISC OFFSET HDTY	63	21.0	11160.	15.	60.	1.67	2.12	0.62	4.41	0.00	0.02	0.94	0.96	0.149
LISTER 6 ROW	83	15.0	2400.	15.	110.	0.68	0.87	0.25	1.80	0.00	0.01	0.63	0.64	0.518
4 WH PLANE 12X45	85	12.0	8520.	15.	190.	1.31	1.67	0.49	3.47	0.00	0.01	0.63	0.65	0.485
PLANTER 6ROW	109	15.0	4140.	15.	75.	1.24	1.58	0.46	3.28	0.00	0.02	1.03	1.05	0.373
FURROW IRIG SYS*	132	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.04	2.07	2.11	18.000
FARM SHOP	1		4212.	35.		0.27	0.42	0.11	0.99	0.11		0.00	0.11	
TOOLS-SHOP EQUIP	4		2457.	15.		0.29	0.43	0.06	0.77	0.00		0.01	0.01	

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 344. 20.60 32.99 9.33 62.92 13.05 2.10 16.48 31.63

TOTAL INVESTMENT 137769.

FURROW IRRIGATION USING DISTRICT (CCID) WATER  
 SUMMER HARVEST  
 TOP MANAGEMENT ASSURED

AUTHOR:  
 UPDATED 02/28/80

SAMPLE COSTS AND RETURNS FOR CANTALOUPE PRODUCTION BY DON RAY,  
 FRESNO CO. 1980 FARM ADVISOR  
 YIELD: 450 CRATES PER ACRE

FUEL USED IN GALLONS PER HOUR

TRACTOR 75 HP 3.360  
 CRAWLER 85 HP 5.040  
 PICKUP 1/2 T 4.000

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 T	0.073	
SUBSOILER	3.465	CRAWLER 85 HP
DISC OFFSET HDTY	0.825	CRAWLER 85 HP
4 WH PLANE 12X45	1.344	CRAWLER 85 HP
LISTER 6 ROW	0.957	CRAWLER 85 HP
SADDLE TANKS	0.000	CRAWLER 85 HP
PLANTER 6ROW	1.379	TRACTOR 75 HP
CULTIVATOR 6ROW	0.761	TRACTOR 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
SUBSOILER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.465	3.465	3
DISC OFFSET HDTY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.825	0.825	3
4 WH PLANE 12X45	2.689	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.689	3
LISTER 6 ROW	0.957	0.000	0.000	0.957	0.957	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.872	3
SADDLE TANKS	0.957	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.957	3
PLANTER 6ROW	0.000	0.000	0.000	1.379	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.379	3
CULTIVATOR 6ROW	0.000	0.000	0.000	0.000	1.523	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.523	3
PICKUP 1/2 T	0.000	0.000	0.073	0.145	0.073	0.073	0.218	0.000	0.000	0.000	0.000	0.000	0.582	1
TOTALS	4.604	0.000	0.073	2.482	2.553	0.073	0.218	0.000	0.000	0.000	0.000	4.290	14.292	

GALLONS FUEL BY TYPE  
 0.58 GAS  
 0.00 LP  
 13.71 DIESEL

FUEL TYPES  
 1=GAS  
 2=L.P.  
 3=DIESEL

SAMPLE COSTS AND RETURNS FOR CANTALOUPE PRODUCTION  
 FRESNO CO. 1980  
 YIELD: 450 CRATES PER ACRE

BY DON MAY,  
 FARM ADVISOR

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
SUBSOILER	11,	45 DEC	1.00	0.756	0.625	7.79	16.12
DISC OFFSET HDTY	11,	63 DEC	1.00	0.180	0.149	2.40	7.55
4 WH PLANE 12X45	11,	85 JAN	2.00	0.587	0.485	5.35	13.68
LISTER 6 ROW	11,	83 JAN	1.00	0.209	0.173	1.89	4.24
SADDLE TANKS	55	JAN	1.00	0.000	0.173	0.44	0.49
PICKUP 1/2 T	14	MAR	1.00	0.022	0.018	0.12	0.05
LISTER 6 ROW	11,	83 APR	1.00	0.209	0.173	1.89	4.24
PLANTER 6ROW	4,109	APR	1.00	0.451	0.373	3.43	5.01
PICKUP 1/2 T	14	APR	2.00	0.044	0.036	0.25	0.10
LISTER 6 ROW	11,	83 MAY	1.00	0.209	0.173	1.89	4.24
CULTIVATOR 6ROW	4,	53 MAY	2.00	0.499	0.412	3.33	5.16
PICKUP 1/2 T	14	MAY	1.00	0.022	0.018	0.12	0.05
PICKUP 1/2 T	14	JUNE	1.00	0.022	0.018	0.12	0.05
PICKUP 1/2 T	14	JULY	3.00	0.065	0.055	0.32	0.16
TOTALS				3.275	2.880	29.40	61.15

FURROW IRRIGATION USING DISTRICT (CCID) WATER  
 SUMMER HARVEST  
 TOP MANAGEMENT ASSUMED

AUTHOR:  
 UPDATED 02/28/80

BUDGET IDENTIFICATION NUMBER--- 271100000 292 1  
 ANNUAL CAPITAL MONTH 8 BUDGET RECORD NUMBER 252



BUDGET IDENTIFICATION NUMBER 2711000000 292 1  
 HARVEST OR SALE MONTH 8

BUDGET RECORD NUMBER 252

SAMPLE COSTS AND RETURNS FOR CANTALOUPE PRODUCTION BY DON MAY,  
 FRESNO CO. 1980 FARM ADVISOR  
 YIELD: 450 CRATES PER ACRE

COSTS AND RETURNS WILL BE  
 DIVIDED BY 450.0 CRTE  
 TO OBTAIN PER CRTE COSTS

LINE PRODUCTION	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
1 CANTALOUPE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	4.000	0.000	38.	71.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARY CODE
6 NITROGEN	0.00	0.00	125.00	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.
7 CANTALOUPE SEED	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.850	0.000	12.	171.	3.	0.
8 THINNING	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	8.	339.	3.	0.
9 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.
10 CUSTOM AIR PEST	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.000	0.000	34.	372.	3.	0.
11 HAND HOEING	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	8.	335.	3.	0.
12 MISCL EXPENSE	0.00	0.00	0.00	0.30	0.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	7.	400.	3.	0.
13 POLLINATION	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.000	0.000	22.	350.	3.	0.
14 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	469.00	0.00	0.00	0.00	0.00	1.000	0.000	38.	318.	3.	9.
15 IRRIG DIST WATER	0.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	1.000	0.000	11.	323.	3.	0.
16 PACKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	2.200	0.000	38.	345.	3.	9.
17 PHOSPHATE	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.140	0.000	12.	214.	3.	0.
18 HERBICIDE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	7.	250.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS =	TIMES OVER,	TRUCKS = #	MILES/ACRE,	TRACTORS =	HRS/ACRE	# CREW	POWER	MACH	TYPE	HARY
	LABOR	UNIT	CODE								CODE
24 SUBSOILER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 SC OFFSET HDTY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 WH PLANE 12X45	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30 LISTER & ROW	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
31 SADDLE TANKS	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32 PLANTER 6ROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 CULTIVATOR 6ROW	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
34 PICKUP 1/2 T	0.00	0.00	1.00	2.00	1.00	1.00	3.00	0.00	0.00	0.00	0.00
49 ACIN IRRIG WATER	0.00	0.00	8.00	6.00	8.00	3.00	3.00	8.00	0.00	0.00	0.00
50 NO. TIMES IRRIG	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX	EQUIP CODE	TYPE	XXXX
51 FARM SHOP	1.000	0.200	0.	1.	5.	0.
52 TOOLS-SHOP EQUIP	1.000	0.200	0.	4.	5.	0.

LAND REQUIREMENTS	CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE
71	2.	400.00	175.00	0.00	0.0	0.00

FURROW IRRIGATION USING DISTRICT (CCID) WATER  
 SUMMER HARVEST  
 TOP MANAGEMENT ASSURED

AUTHOR:  
 UPDATED 02/28/80

MACHINERY COMPLEMENT 2  
 EQUIPMENT COMPLEMENT 1

MACHNRY NAME CHANGE-->	LINE CHANGE	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL
55 SADDLE TANKS	11.	90.000000	4.16.	70.000000	12.	5.500000	18.	1.400000	28.	0.080000			

o default data