

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
ROSS RECEIPTS FROM PRODUCTION:					
GRAPES, TABLE	TON	260.000	4.400	\$ 1144.00	
TOTAL RECEIPTS:				\$ 1144.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	VINE	0.460	520.000	239.20	
BRUSH REMOVAL	ACRE	4.500	1.000	4.50	
TYE OR PROP	VINE	0.060	520.000	31.20	
FERTILIZER	TON	8.000	5.000	40.00	
PWDRY MILDW CTL	APLC	0.500	10.000	5.00	
INSECTICIDE	APLC	8.000	1.000	8.00	
NEMATOCIDE	APLC	30.000	1.000	30.00	
HERBICIDE	APLC	25.000	1.000	25.00	
IRRIG DIST WATER	ACFT	7.000	8.000	56.00	
GIRDLING	VINE	0.070	520.000	36.40	
GIBBERELLIN	APLC	35.000	3.000	105.00	
THINNING	HOOR	3.500	70.000	245.00	
CROP INSURANCE	ACRE	40.000	1.000	40.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			38.35	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			23.88	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			4.39	
IRRIGATION (POWER-LUBE-REP)	ACIN	2.212	96.000	212.36	
MACHINERY LABOR	HOOR	5.990	10.917	65.39	
IRRIGATION LABOR	HOOR	5.000	18.000	90.00	
INTEREST ON OPERATING CAP.	DOL.	0.140	614.114	84.05	
TOTAL PREHARVEST COSTS:				\$ 1383.73	
PREHARVEST COST PER TON				\$ 314.4842	
HARVEST:					
HAND HARVEST	HOOR	3.500	167.000	584.50	
CUSTOM HAULING	ACRE	55.000	1.000	55.00	
BOXES	BOX	1.100	400.000	440.00	
ASSESMT & INSP	ACRE	24.000	1.000	24.00	
PACKING	BOX	1.000	400.000	400.00	
INTEREST ON OPERATING CAP.	DOL.	0.140	375.875	52.62	
TOTAL HARVEST COSTS:				\$ 1556.12	
HARVEST COST PER TON				\$ 353.6642	
TOTAL VARIABLE COSTS:				\$ 2939.85	
VARIABLE COST PER TON				\$ 668.1484	
3. INCOME ABOVE VARIABLE COSTS:				\$ -1795.85	
INCOME PER TON				\$ -408.1484	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 31.21	
TOTAL CASH OVERHEAD:				\$ 31.21	
OVERHEAD COST PER TON				7.0936	
5. INCOME ABOVE ALL CASH COSTS:				\$ -1827.07	
INCOME PER TON				\$ -415.2421	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			46.84	
IRRIGATION SYSTEM	ACRE			118.34	
BUILDINGS	ACRE			10.83	
TREES, VINES OR STAND	ACRE			75.00	
TOTAL DEPRECIATION:				\$ 251.02	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.140	452.281	63.32	
IRRIGATION SYSTEM		0.140	1152.971	161.42	
BUILDINGS		0.107	231.660	24.72	
TREES, VINES OR STAND		0.107	1500.000	80.03	
LAND		0.107	1200.000	128.04	
TOTAL INTEREST CHARGE:				\$ 457.52	
TOTAL FIXED COSTS:				\$ 708.53	
FIXED COST PER TON				161.0306	
7. TOTAL OF ABOVE COSTS:				\$ 3679.60	
TOTAL COST PER TON				836.2726	
8. NET RETURNS:				\$ -2535.60	
NET RETURNS PER TON				-576.2726	

BASED ON A 100 ACRE VINEYARD.
USING SPRINKLER IRRIG., 520 VINES/ACRE

06/30/78

UC Cooperative Extension

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	1144.00	0.00	0.00	0.00	1144.00
OPERATING EXPENSES															
PRUNING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239.20	239.20
BRUSH REMOVAL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50	4.50
TYE OR PROP	\$/AC	0.00	31.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.20
FERTILIZER	\$/AC	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
PWDY MILDW CTL	\$/AC	0.00	0.00	1.00	1.00	1.00	1.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	5.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00
NEMATOCIDE	\$/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	0.00	30.00
HERBICIDE	\$/AC	0.00	0.00	0.00	12.50	0.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
IRRIG DIST WATER	\$/AC	3.08	6.30	6.30	6.30	6.30	6.16	6.16	3.08	3.08	3.08	3.08	3.08	3.08	56.00
GIRDLING	\$/AC	0.00	0.00	0.00	0.00	0.00	36.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.40
GIBBERELLIN	\$/AC	0.00	0.00	35.00	0.00	35.00	0.00	35.00	0.00	0.00	0.00	0.00	0.00	0.00	105.00
THINNING	\$/AC	0.00	0.00	0.00	0.00	245.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	245.00
CROP INSURANCE	\$/AC	20.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
HAND HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	584.50	0.00	0.00	0.00	0.00	584.50
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.00	0.00	0.00	0.00	0.00	55.00
BOXES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00	0.00	440.00
ASSEGT & INSP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	24.00
PACKING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	400.00
MACHINE LABOR COST	\$/AC	5.12	5.12	5.12	10.42	8.44	8.44	7.10	1.80	1.80	5.12	5.12	1.80	1.80	65.39
INTEREST ON OPER. CAP.	\$/AC	11.50	12.89	8.94	6.80	27.50	8.59	5.01	1.05	53.41	0.67	0.33	0.00	0.00	136.68
TRACTOR COST	\$/AC	2.91	2.91	2.91	7.55	5.81	5.81	4.64	0.00	0.00	2.91	2.91	0.00	0.00	38.35
EQUIPMENT COST	\$/AC	1.97	1.97	1.97	2.47	2.35	2.35	2.09	1.59	1.59	1.97	1.97	1.59	1.59	23.88
BLDG OPER. COST	\$/AC	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	4.39
IRRIGATION COST	\$/AC	11.68	23.89	23.89	23.89	23.89	23.36	23.36	11.68	11.68	11.68	11.68	11.68	11.68	212.36
IRRIG LABOR COST	\$/AC	5.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00	5.00	5.00	5.00	5.00	90.00
TOTAL EXPENSES	\$/AC	101.62	124.65	95.49	81.30	373.66	135.48	94.23	24.56	1580.42	30.79	30.45	267.21	2939.85	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.85	0.85	0.85	1.74	1.41	1.41	1.19	0.30	0.30	0.85	0.85	0.30	10.92
IRRIGATION LABOR	HR/AC	1.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	18.00
IRRIG. WATER APPLIED	ACIN	5.28	10.80	10.80	10.80	10.80	10.56	10.56	5.28	5.28	5.28	5.28	5.28	96.00

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 80 HP	5	80.0	20760.	15.	300.	24.71	38.50	10.36	73.57	24.52	3.68	10.15	38.35	6.652
PICKUP 3/4 TON	15	0.8	10200.	7.	435.	7.49	6.18	1.58	15.25	14.40	2.16	2.49	19.05	3.000
IRR PUMP 50 HP*	22	2.0	10560.	25.	3200.	11.60	24.05	7.13	42.78	49.35	0.74	7.38	57.46	96.000
DRIP IRRIG SYST*	56	1.0	78900.	10.	5000.	106.74	137.36	34.08	278.19	0.00	3.04	151.86	154.90	96.000
4ROW-CULTIVATOR	73	10.0	2040.	15.	50.	13.52	17.22	5.05	35.79	0.00	0.09	4.50	4.59	5.500
WD SPRYR 200 GAL	88	15.0	2040.	15.	60.	1.12	1.43	0.42	2.97	0.00	0.00	0.24	0.24	0.547
FARM SHOP	2		42120.	35.		10.83	24.72	4.21	39.76	4.21		0.18	4.39	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			1666.			176.02	249.45	62.83	488.30	92.48	9.71	176.79	278.98	
TOTAL INVESTMENT			166620.											

BASED ON A 100 ACRE VINEYARD.
 USING SPRINKLER IRRIG., 520 VINES/ACRE

06/30/78

PRODUCTION COSTS & RETURNS FOR
TABLE GRAPES IN RIVERSIDE COUNTY

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
4ROW-CULTIVATOR	5,	73 JAN	1.00	0.555	0.458	3.29	8.56
PICKUP 3/4 TON		15 JAN	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 FEB	1.00	0.555	0.458	3.29	8.56
SP SPRAYER	5,	37 FEB	1.00	0.000	0.000	0.00	0.00
PICKUP 3/4 TON		15 FEB	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 MAR	1.00	0.555	0.458	3.29	8.56
SP SPRAYER	5,	37 MAR	2.00	0.000	0.000	0.00	0.00
PICKUP 3/4 TON		15 MAR	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 APR	2.00	1.109	0.917	6.58	17.12
SP SPRAYER	5,	37 APR	2.00	0.000	0.000	0.00	0.00
WD SPRYR 200 GAL	5,	88 APR	1.00	0.331	0.274	1.86	4.81
PICKUP 3/4 TON		15 APR	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 MAY	2.00	1.109	0.917	6.58	17.12
SP SPRAYER	5,	37 MAY	3.00	0.000	0.000	0.00	0.00
PICKUP 3/4 TON		15 MAY	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 JUNE	2.00	1.109	0.917	6.58	17.12
SP SPRAYER	5,	37 JUNE	3.00	0.000	0.000	0.00	0.00
PICKUP 3/4 TON		15 JUNE	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 JULY	1.00	0.555	0.458	3.29	8.56
SP SPRAYER	5,	37 JULY	1.00	0.000	0.000	0.00	0.00
WD SPRYR 200 GAL	5,	88 JULY	1.00	0.331	0.274	1.86	4.81
PICKUP 3/4 TON		15 JULY	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 AUG	5.00	0.300	0.250	1.59	1.27
FRUIT-NUT PKUP*	5,	27 SEPT	1.00	0.000	0.000	0.00	0.00
PICKUP 3/4 TON		15 SEPT	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 OCT	1.00	0.555	0.458	3.29	8.56
PICKUP 3/4 TON		15 OCT	5.00	0.300	0.250	1.59	1.27
4ROW-CULTIVATOR	5,	73 NOV	1.00	0.555	0.458	3.29	8.56
PICKUP 3/4 TON		15 NOV	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 DEC	5.00	0.300	0.250	1.59	1.27
TOTALS				10.917	9.047	62.23	127.57

BASED ON A 100 ACRE VINEYARD,
USING SPRINKLER IRRIG., 520 VINES/ACRE

06/30/78

BUDGET IDENTIFICATION NUMBER--- 2463300930 732 1
ANNUAL CAPITAL MONTH 12 BUDGET RECORD NUMBER 367

FUEL USE SUMMARY FOR BUDGET NUMBER 2463300930 732 1

PRODUCTION COSTS & RETURNS FOR
TABLE GRAPES IN RIVERSIDE COUNTY

FUEL USED IN GALLONS PER HOUR

TRACTOR 80 HP	3.840
PICKUP 3/4 TON	4.000
IRR PUMP 50 HP*	0.105

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 3/4 TON	0.200	
IRR PUMP 50 HP*	0.052	
4ROW-CULTIVATOR	1.936	TRACTOR 80 HP
WD SPRYR 200 GAL	1.156	TRACTOR 80 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
4ROW-CULTIVATOR	1.936	1.936	1.936	3.872	3.872	3.872	1.936	0.000	0.000	1.936	1.936	0.000	23.232	3
SP SPRAYER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1
WD SPRYR 200 GAL	0.000	0.000	0.000	1.156	0.000	0.000	1.156	0.000	0.000	0.000	0.000	0.000	2.312	3
FRUIT-NUT PKUP*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1
PICKUP 3/4 TON	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	12.000	1
TOTALS	2.936	2.936	2.936	6.028	4.872	4.872	4.092	1.000	1.000	2.936	2.936	1.000	37.544	

367
GALLONS FUEL BY TYPE
00 GAS
100 LP
23.54 DIESEL

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

BUDGET IDENTIFICATION NUMBER 2463300930 732 1
 HARVEST OR SALE MONTH 12

BUDGET RECORD NUMBER 367

PRODUCTION COSTS & RETURNS FOR
 TABLE GRAPES IN RIVERSIDE COUNTY

COSTS AND RETURNS WILL BE
 DIVIDED BY 4.4 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 GRAPES, TABLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.40	0.00	0.00	0.00	260.000	0.000	3.	46.	2.	0.	
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV	
														RENT	CODE	CODE		CODE	
6 PRUNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	520.00	0.460	0.000	25.	340.	3.	0.
7 BRUSH REMOVAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	4.500	0.000	7.	313.	3.	0.	
8 TYE OR PROP	0.005	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.060	0.000	25.	342.	3.	0.	
9 FERTILIZER	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.000	0.000	3.	201.	3.	0.	
10 PWDRY MILDW CTL	0.00	0.00	2.00	2.00	2.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.500	0.000	34.	239.	3.	0.	
11 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	8.000	0.000	34.	240.	3.	0.	
12 NEMATOCIDE	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.000	0.000	34.	236.	3.	0.	
13 HERBICIDE	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	25.000	0.000	34.	250.	3.	0.	
14 IRRIG DIST WATER	0.44	0.90	0.90	0.90	0.90	0.88	0.88	0.44	0.44	0.44	0.44	0.44	7.000	0.000	30.	323.	3.	0.	
15 GIRDLING	0.00	0.00	0.00	0.00	0.005	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.070	0.000	25.	341.	3.	0.	
16 GIBBERELLIN	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	35.000	0.000	34.	248.	3.	0.	
17 THINNING	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	8.	339.	3.	0.	
18 CROP INSURANCE	0.50	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	40.000	0.000	7.	452.	3.	0.	
19 HAND HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147.00	0.00	0.00	0.00	3.500	0.000	8.	347.	3.	9.	
20 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	55.000	0.000	7.	306.	3.	9.	
21 BOXES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	1.100	0.000	26.	387.	3.	9.	
22 ASSESMT & INSP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	24.000	0.000	7.	418.	3.	9.	
23 PACKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	1.000	0.000	26.	345.	3.	9.	
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV		
													LABOR	UNIT	CODE		CODE		
24 4ROW-CULTIVATOR	1.00	1.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	1.00	1.00	0.00	0.000	0.000	5.	73.	4.	0.	
25 SPRAYER	0.00	1.00	2.00	2.00	3.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	37.	4.	0.	
26) SPRYR 200 GAL	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	88.	4.	0.	
27)UIT-NUT PKUP*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.000	0.000	5.	27.	4.	0.	
30 PICKUP 3/4 TON	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.	15.	4.	0.	
													SHARE	SHARE	POWER	SYSA	LIFT		
													FIXED %	VAR %	UNIT	CODE			
49 ACIN IRRIG WATER	5.28	10.80	10.80	10.80	10.80	10.56	10.56	5.28	5.28	5.28	5.28	5.28	0.00	0.00	22.	56.	40.		
50 NO. TIMES IRRIG	1.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00							
EQUIPMENT REQUIREMENTS													NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX	
													UNITS	OF COST	CODE	CODE			
51 FARM SHOP													1.000	1.000	0.	2.	5.	0.	
LAND REQUIREMENTS	CHARGE	NUMBER					VALUE OR	TAXES	PERENNIAL CROPS										
	METHOD	OF ACRES					COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE									
71	1.	100.00					1200.00	0.00	20.0	1500.00									

BASED ON A 100 ACRE VINEYARD.
 USING SPRINKLER IRRIG., 520 VINES/ACRE

MACHINERY COMPLEMENT 7
 EQUIPMENT COMPLEMENT 1

06/30/78

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET