

TITLE: SAMPLE PRODUCTION COSTS & RETURNS FOR
RIBIER OR CARDINAL GRAPES
IN SOUTHERN SAN JOAQUIN VALLEY 1980

BY LYNN HOREL, SRA
ED YEARY, FARM ADVISOR

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
GRAPES, TABLE	BOX	6.000	452.000	2712.00	
CULL GRAPES	TON	75.000	3.050	228.75	
TOTAL RECEIPTS:				\$ 2940.75	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	VINE	0.200	450.000	90.00	
BRUSH REMOVAL	ACRE	9.000	1.000	9.00	
NITROGEN	LBS.	0.350	50.000	17.50	
PWDRY MILDWE CTL	ACRE	8.000	1.000	8.00	
INSECTICIDE	ACRE	98.000	1.000	98.00	
SHOOT FRUIT, ETC	ACRE	4.500	80.000	360.00	
MISCL SUPPLIES	ACRE	50.000	1.000	50.00	
GIRDLING	ACRE	4.500	14.000	63.00	
ZINC	ACRE	10.000	1.000	10.00	
IRRIG DIST WATER	ACIN	2.080	48.000	99.84	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			14.66	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			21.22	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			3.27	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.235	48.000	11.26	
MACHINERY LABOR	ACIN	4.500	8.043	36.19	
IRRIGATION LABOR	HOUR	5.500	8.000	44.00	
INTEREST ON OPERATING CAP.	DOL.	0.140	373.206	50.41	
TOTAL PREHARVEST COSTS:				\$ 986.36	
PREHARVEST COST PER BOX				\$ 2.1822	
HARVEST:					
HARVEST & HAUL	TON	87.000	5.250	456.75	
PACKING SHED FEE	TON	191.400	5.250	1004.85	
TOTAL HARVEST COSTS:				\$ 1461.60	
HARVEST COST PER BOX				\$ 3.2336	
TOTAL VARIABLE COSTS:				\$ 2447.96	
VARIABLE COST PER BOX				\$ 5.4158	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER BOX				\$ 492.79	
INCOME PER BOX				\$ 1.0903	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 65.00	
TOTAL CASH OVERHEAD:				\$ 65.00	
OVERHEAD COST PER BOX				0.1438	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER BOX				\$ 427.79	
INCOME PER BOX				\$ 0.9464	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			18.83	
IRRIGATION SYSTEM	ACRE			15.52	
BUILDINGS	ACRE			16.66	
TREES, VINES OR STAND	ACRE			201.20	
TOTAL DEPRECIATION:				\$ 252.22	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.140	161.735	22.64	
IRRIGATION SYSTEM		0.140	142.700	19.98	
BUILDINGS		0.107	327.667	34.96	
TREES, VINES OR STAND		0.107	5030.000	268.35	
LAND		0.107	3500.000	373.45	
TOTAL INTEREST CHARGE:				\$ 719.38	
TOTAL FIXED COSTS:				\$ 971.60	
FIXED COST PER BOX				2.1496	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER BOX				\$ 3484.56	
TOTAL COST PER BOX				7.7092	
8. NET RETURNS:					
NET RETURNS PER BOX				\$ -543.81	
NET RETURNS PER BOX				-1.2031	

BASED ON A 120 ACRE VINEYARD
8' X 12' SPACING 450 VINES/AC.
HOUSE PACKED FRUIT

UPDATED 04/08/80

BUDGET IDENTIFICATION NUMBER 2466400000 760 1
DATE PRINTED: 04/10/80
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BUDGET RECORD NUMBER 398
HARVEST MONTH: 10

UC Cooperative Extension

Historical File - 1980

IDENTIFICATION NUMBER 2466400000 760 1
 SAMPLE PRODUCTION COSTS & RETURNS FOR
 RIBIER OR CARDINAL GRAPES
 IN SOUTHERN SAN JOAQUIN VALLEY 1980

HARVEST MONTH 10 BUDGET RECORD NUMBER 398
 BY LYNN HOREL, SRA
 ED YEARY, FARM ADVISOR

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	33.75	63.75	2843.25	0.00	0.00	2940.75
OPERATING EXPENSES														
PRUNING	\$/AC	45.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00
BRUSH REMOVAL	\$/AC	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
NITROGEN	\$/AC	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.50
PWDRY MILDW CTL	\$/AC	0.00	0.00	0.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	8.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	24.50	24.50	24.50	24.50	0.00	0.00	0.00	0.00	0.00	98.00
SHOOT FRUIT, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00	0.00	0.00	0.00	360.00
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	456.75	0.00	0.00	456.75
PACKING SHED FEE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1004.85	0.00	0.00	1004.85
MISCL SUPPLIES	\$/AC	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
GIRDLING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	63.00	0.00	0.00	0.00	0.00	0.00	63.00
ZINC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	10.00
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	12.48	24.96	24.96	24.96	12.48	0.00	0.00	0.00	0.00	99.84
MACHINE LABOR COST	\$/AC	1.35	2.32	5.93	4.77	4.83	5.76	2.97	1.35	1.35	1.35	1.35	2.86	36.19
INTEREST ON OPER. CAP.	\$/AC	6.79	5.40	0.91	7.13	4.20	19.49	4.82	0.51	0.04	0.01	0.38	0.75	50.41
TRACTOR COST	\$/AC	0.00	0.71	3.36	2.51	2.55	3.23	1.19	0.00	0.00	0.00	0.00	1.11	14.66
EQUIPMENT COST	\$/AC	1.59	1.74	1.77	1.77	1.77	1.95	1.77	1.59	1.59	1.59	1.59	2.51	21.22
BLDG OPER. COST	\$/AC	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	3.27
IRRIGATION COST	\$/AC	0.00	0.00	0.00	1.41	2.82	2.82	2.82	1.41	0.00	0.00	0.00	0.00	11.26
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	5.50	11.00	11.00	11.00	5.50	0.00	0.00	0.00	0.00	44.00
TOTAL EXPENSES	\$/AC	72.50	64.44	12.24	112.34	78.89	455.98	149.30	23.10	3.25	1464.82	3.59	7.50	2447.96

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.30	0.52	1.32	1.06	1.07	1.28	0.66	0.30	0.30	0.30	0.30	0.64	8.04
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	8.00
G. WATER APPLIED	ACIN	0.00	0.00	0.00	6.00	12.00	12.00	12.00	6.00	0.00	0.00	0.00	0.00	48.00

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 35 HP	3	35.0	9960.	15.	300.	7.20	11.21	3.02	21.43	10.18	1.53	2.96	14.66	4.039
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
SURFACE IRR SYS*	53	2.0	45900.	10.	5000.	15.52	19.98	4.96	40.46	0.00	0.22	11.04	11.26	24.000
CHISEL	66	6.0	2160.	15.	65.	0.36	0.45	0.13	0.94	0.00	0.00	0.15	0.16	0.178
DISC-HYD OFFSET	79	9.0	7200.	15.	75.	1.61	2.05	0.60	4.25	0.00	0.02	0.91	0.92	0.278
DUSTING RIG	87	10.0	1200.	15.	50.	1.74	2.18	0.64	4.57	0.00	0.01	0.70	0.71	1.193
NB PLOW 4-16	115	5.3	720.	15.	100.	0.44	0.56	0.17	1.17	0.00	0.01	0.36	0.37	1.022
FARM SHOP	2		36000.	35.		7.71	17.61	3.00	28.32	3.00		0.13	3.13	
SHOP TOOLS&EQUIP	4		10500.	15.		4.08	6.07	0.88	11.03	0.00		0.12	0.12	
STORAGE SHED	8		22500.	35.		4.82	11.00	1.88	17.70	0.00		0.03	0.03	
FUELTANK 550 GAL	18		400.	30.		0.04	0.28	0.03	0.36	0.00		0.00	0.00	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			1223.			51.02	77.58	16.88	145.48	27.58	3.95	18.88	50.41	

TOTAL INVESTMENT 146740.

BASED ON A 120 ACRE VINEYARD
 8' X 12' SPACING 450 VINES/AC.
 HOUSE PACKED FRUIT

UC Cooperative Extension

UPDATED 04/08/80

FUEL USE SUMMARY FOR BUDGET NUMBER 2466400000 760 1

SAMPLE PRODUCTION COSTS & RETURNS FOR
RIBIER OR CARDINAL GRAPES
IN SOUTHERN SAN JOAQUIN VALLEY 1980

BY LYNN HOREL, SRA
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FUEL USED IN GALLONS PER HOUR

TRACTOR 35 HP 2.100
PICKUP 3/4 TON 4.000

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 3/4 TON	0.200	
MB PLOW 4-16	1.181	TRACTOR 35 HP
DISC-HYD OFFSET	1.283	TRACTOR 35 HP
CHISEL	1.246	TRACTOR 35 HP
DUSTING RIG	0.689	TRACTOR 35 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
TRACTOR 35 HP	0.000	0.000	0.693	0.693	0.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.100	1
MB PLOW 4-16	0.000	0.000	1.181	0.000	0.000	1.181	0.000	0.000	0.000	0.000	0.000	0.000	2.362	1
DISC-HYD OFFSET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.642	0.642	1
CHISEL	0.000	0.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.411	1
DUSTING RIG	0.000	0.000	0.000	0.689	0.689	0.689	0.689	0.000	0.000	0.000	0.000	0.000	2.757	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	1.000	1.411	2.874	2.382	2.403	2.870	1.689	1.000	1.000	1.000	1.000	1.642	20.271	

GALLONS FUEL BY TYPE
.27 GAS
.00 LP
0.00 DIESEL

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

SAMPLE PRODUCTION COSTS & RETURNS FOR
RIBIER OR CARDINAL GRAPES
IN SOUTHERN SAN JOAQUIN VALLEY 1980

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OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., PER ACRE	FIXED REPAIR COSTS PER ACRE
PICKUP 3/4 TON		15 NOV	5.00	0.300	0.250	1.59	1.27
DISC-HYD OFFSET	3,	79 DEC	0.50	0.336	0.278	2.03	5.87
PICKUP 3/4 TON		15 DEC	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 JAN	5.00	0.300	0.250	1.59	1.27
CHISEL	3,	66 FEB	0.33	0.215	0.178	0.87	1.98
PICKUP 3/4 TON		15 FEB	5.00	0.300	0.250	1.59	1.27
TRACTOR 35 HP		3 MAR	0.33	0.396	0.330	1.20	1.75
MB PLOW 4-16	3,	115 MAR	1.00	0.619	0.511	2.23	3.57
PICKUP 3/4 TON		15 MAR	5.00	0.300	0.250	1.59	1.27
TRACTOR 35 HP		3 APR	0.33	0.396	0.330	1.20	1.75
DUSTING RIG	3,	87 APR	1.00	0.361	0.298	1.37	2.88
PICKUP 3/4 TON		15 APR	5.00	0.300	0.250	1.59	1.27
TRACTOR 35 HP		3 MAY	0.34	0.408	0.340	1.23	1.80
DUSTING RIG	3,	87 MAY	1.00	0.361	0.298	1.37	2.88
PICKUP 3/4 TON		15 MAY	5.00	0.300	0.250	1.59	1.27
MB PLOW 4-16	3,	115 JUNE	1.00	0.619	0.511	2.23	3.57
DUSTING RIG	3,	87 JUNE	1.00	0.361	0.298	1.37	2.88
PICKUP 3/4 TON		15 JUNE	5.00	0.300	0.250	1.59	1.27
DUSTING RIG	3,	87 JULY	1.00	0.361	0.298	1.37	2.88
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
PICKUP 3/4 TON		15 SEPT	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 OCT	5.00	0.300	0.250	1.59	1.27
TOTALS				8.033	6.672	35.51	47.08

BASED ON A 120 ACRE VINEYARD
8' X 12' SPACING 450 VINES/AC.
HOUSE PACKED FRUIT

UPDATED 04/08/80

BUDGET IDENTIFICATION NUMBER--- 2466400000 760 1
ANNUAL CAPITAL MONTH 10 BUDGET RECORD NUMBER 398

UC Cooperative Extension

INCOME ABOVE VARIABLE COSTS
 WHEN THE PRICE OF GRAPES, TABLE RANGES FROM 5.00 TO 7.00
 AND THE QUANTITY OF GRAPES, TABLE RANGES FROM 278.00 TO 626.00

		PRICE OF GRAPES, TABLE				
		5.00	5.50	6.00	6.50	7.00

QUANTITY OF GRAPES, TAB	278.00 *	-829.21	-690.21	-551.21	-412.21	-273.21
	*					
	365.00 *	-394.21	-211.71	-29.21	153.29	335.79
	*					
	452.00 *	40.79	266.79	492.79	718.79	944.79
*						
539.00 *	475.79	745.29	1014.79	1284.29	1553.79	
*						
626.00 *	910.79	1223.79	1536.79	1849.79	2162.79	
*						

INCOME ABOVE ALL CASH COSTS
 WHEN THE PRICE OF GRAPES, TABLE RANGES FROM 5.00 TO 7.00
 AND THE QUANTITY OF GRAPES, TABLE RANGES FROM 278.00 TO 626.00

		PRICE OF GRAPES, TABLE				
		5.00	5.50	6.00	6.50	7.00

QUANTITY OF GRAPES, TAB	278.00 *	-894.21	-755.21	-616.21	-477.21	-338.21
	*					
	365.00 *	-459.21	-276.71	-94.21	88.29	270.79
	*					
	452.00 *	-24.21	201.79	427.79	653.79	879.79
*						
539.00 *	410.79	680.29	949.79	1219.29	1488.79	
*						
626.00 *	845.79	1158.79	1471.79	1784.79	2097.79	
*						

INCOME ABOVE ALL COSTS
 WHEN THE PRICE OF GRAPES, TABLE RANGES FROM 5.00 TO 7.00
 AND THE QUANTITY OF GRAPES, TABLE RANGES FROM 278.00 TO 626.00

		PRICE OF GRAPES, TABLE				
		5.00	5.50	6.00	6.50	7.00

QUANTITY OF GRAPES, TAB	278.00 *	-1865.81	-1726.81	-1587.81	-1448.81	-1309.81
	*					
	365.00 *	-1430.81	-1248.31	-1065.81	-883.31	-700.81
	*					
	452.00 *	-995.81	-769.81	-543.81	-317.81	-91.81
*						
539.00 *	-560.81	-291.31	-21.81	247.69	517.19	
*						
626.00 *	-125.81	187.19	500.19	813.19	1126.19	
*						

BUDGET RECORD NUMBER 398
 BASED ON A 120 ACRE VINEYARD
 8' X 12' SPACING 450 VINES/AC.
 HOUSE PACKED FRUIT

UPDATED 04/08/80

BUDGET IDENTIFICATION NUMBER 2466400000 760 1
 HARVEST OR SALE MONTH 10

BUDGET RECORD NUMBER 398

SAMPLE PRODUCTION COSTS & RETURNS FOR
 RIBIER OR CARDINAL GRAPES
 IN SOUTHERN SAN JOAQUIN VALLEY 1980

BY LYNN HOREL, SRA
 ED YEARY, FARM ADVISOR

COSTS AND RETURNS WILL BE
 DIVIDED BY 452.0 BOX
 TO OBTAIN PER BOX 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																		
NUMBER OF UNITS																		
1 GRAPES, TABLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	452.00	0.00	0.00	6.000	0.000	26.	46.	2.	0.
2 CULL GRAPES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.85	1.75	0.00	0.00	75.000	0.000	3.	379.	2.	0.
OPERATING INPUTS																		
RATE/UNIT																		
PRICE																		
SHARE																		
UNIT																		
ITEM																		
CODE																		
TYPE																		
HARV																		
CODE																		
7 PRUNING	225.00	225.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.000	25.	340.	3.	0.
8 BRUSH REMOVAL	0.00	1.00	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.	313.	3.	0.
9 NITROGEN	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.350	0.000	12.	211.	3.	0.
10 PWDY MILDEW CTL	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00	0.00	8.000	0.000	7.	239.	3.	0.
11 INSECTICIDE	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00	0.00	98.000	0.000	7.	240.	3.	0.
12 SHOOT FRUIT, ETC	0.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	8.	277.	3.	0.
13 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	0.00	0.00	87.000	0.000	3.	318.	3.	9.
14 PACKING SHED FEE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	0.00	0.00	191.400	0.000	3.	433.	3.	9.
15 MISCL SUPPLIES	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.000	0.000	7.	423.	3.	0.
16 GIRDLING	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	8.	341.	3.	0.
17 ZINC	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7.	225.	3.	0.
18 IRRIG DIST WATER	0.00	0.00	0.00	6.00	12.00	12.00	12.00	6.00	0.00	0.00	0.00	0.00	2.080	0.000	11.	323.	3.	0.
MACHINERY REQUIREMENTS																		
IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE																		
# CREW POWER MACH TYPE HARV																		
LABOR UNIT CODE																		
CODE																		
TYPE																		
HARV																		
CODE																		
26 TRACTOR 35 HP	0.00	0.00	0.33	0.33	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	3.	4.	0.
27 MB PLOW 4-16	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	115.	4.	0.
28 DISC-HYD OFFSET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.000	0.000	3.	79.	4.	0.
29 CHISEL	0.00	0.33	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.	66.	4.	0.
30 DUSTING RIG	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	87.	4.	0.
31 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 SYM																		
FIXED % VAR % UNIT CODE LIFT																		
47 ACIN IRRIG WATER	0.00	0.00	0.00	6.00	12.00	12.00	12.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.	53.	0.
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.	53.	0.

EQUIPMENT REQUIREMENTS

	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	1.000	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	1.000	0.	4.	5.	0.
53 STORAGE SHED	1.000	1.000	0.	8.	5.	0.
54 FUELTANK 550 GAL	1.000	1.000	0.	18.	5.	0.

LAND REQUIREMENTS

	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	120.00	3500.00	65.00	25.0 5030.00

BASED ON A 120 ACRE VINEYARD
 8' X 12' SPACING 450 VINES/AC.
 HOUSE PACKED FRUIT

MACHINERY COMPLEMENT 7
 EQUIPMENT COMPLEMENT 1

UPDATED 04/08/80

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
GENERAL NAME CHANGE->379 CULL GRAPES	277 SHOOT FRUIT, ETC			
MACHNRY NAME CHANGE-> 90 SULPHUR DUST RIG				
RW CL VALUE RW CL VALUE RW CL VALUE RW CL VALUE RW CL VALUE				
PARAMETER CHGS-->12.	5.50000 10.	4.50000		

1980 default data