

TITLE: PRODUCTION COSTS & RETURNS FOR WINE GRAPES  
 IN NORTH COAST COUNTIES  
 (NAPA, SONOMA, NENDOCTHO)

Grapes #371

GR-NC-78-1

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
GRAPES, WINE	TON	254.000	4.000	1016.00	
<b>TOTAL RECEIPTS:</b>				\$ 1016.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PRUNING	VINE	0.200	413.000	82.60	
BRUSH REMOVAL	ACRE	5.000	1.000	5.00	
TYE OR PROP	ACRE	19.000	1.000	19.00	
PWDY MILDEW CTL	LBS.	0.050	50.000	2.50	
INSECTICIDE	GAL.	0.113	300.000	33.90	
NITROGEN	LBS.	0.250	30.000	7.50	
SUCKER CONTROL	ACRE	24.000	1.000	24.00	
HERBICIDE	ACRE	15.000	1.000	15.00	
SEASONAL LABOR	ACRE	10.000	1.000	10.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			9.99	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			21.40	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			5.73	
IRRIGATION POWER COST	ACRE			20.68	
IRRIGATION (LUBE-REPAIRS)	ACRE			37.75	
IRRIGATION WATER APPLIED	ACIN	4.868	12.000		
MACHINERY LABOR	HOUR	5.100	10.527	53.69	
IRRIGATION LABOR	HOUR	4.250	0.500	2.13	
INTEREST ON OPERATING CAP.	DOL.	0.086	233.329	19.92	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 370.76	
<b>PREHARVEST COST PER TON</b>				\$ 92.69	
<b>HARVEST:</b>					
CUSTOM HARVEST	TON	55.000	4.000	220.00	
FOREMAN	ACRE	21.000	1.000	21.00	
MISCL EXPENSE	ACRE	15.000	1.000	15.00	
CUSTOM HAULING	TON	10.000	4.000	40.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	49.333	4.26	
<b>TOTAL HARVEST COSTS:</b>				\$ 300.26	
<b>HARVEST COST PER TON</b>				\$ 75.06	
<b>TOTAL VARIABLE COSTS:</b>				\$ 671.02	
<b>VARIABLE COST PER TON</b>				\$ 167.76	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER TON				\$ 344.98	
				\$ 86.24	
<b>4. CASH OVERHEAD:</b>					
REAL PROPERTY TAXES:				\$ 160.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				16.78	
<b>TOTAL CASH OVERHEAD:</b>				\$ 176.78	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
INCOME PER TON				\$ 168.20	
				\$ 42.05	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			25.97	
IRRIGATION SYSTEM	ACRE			7.36	
BUILDINGS	ACRE			22.32	
TREES, VINES OR STAND	ACRE			113.60	
<b>TOTAL DEPRECIATION:</b>				\$ 169.25	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.086	219.849	18.97	
IRRIGATION SYSTEM		0.086	96.710	8.35	
BUILDINGS		0.086	338.250	29.19	
TREES, VINES OR STAND		0.086	2840.000	245.09	
LAND		0.083	4000.000	330.00	
<b>TOTAL INTEREST CHARGE:</b>				\$ 631.60	
<b>TOTAL FIXED COSTS:</b>				\$ 800.86	
<b>FIXED COST PER TON</b>				200.21	
<b>7. TOTAL OF ABOVE COSTS:</b>					
TOTAL COST PER TON				\$ 1648.65	
				412.16	
<b>8. NET RETURNS:</b>					
NET RETURNS PER TON				\$ -632.65	
				-158.16	

BASED ON A 40 ACRE VINEYARD, WITH CANE PRUNED  
 TRELLIS SYSTEM AND SPRINKLER PROTECTION  
 413 VINES PER ACRE

UPDATED 09/27/78

BUDGET IDENTIFICATION NUMBER 2474900230 732 1  
 DATE PRINTED: 03/22/79

BUDGET RECORD NUMBER 371  
 HARVEST MONTH: 12

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	1016.00	0.00	0.00	1016.00
OPERATING EXPENSES															
PRUNING	\$/AC	82.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.60
BRUSH REMOVAL	\$/AC	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
TYE OR PROP	\$/AC	0.00	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.00
PWDY MILDEN CTL	\$/AC	0.00	0.00	0.00	1.25	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	16.95	0.00	16.95	0.00	0.00	0.00	0.00	0.00	0.00	33.90
NITROGEN	\$/AC	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50
SUCKER CONTROL	\$/AC	0.00	0.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00
HERBICIDE	\$/AC	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
SEASONAL LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220.00	0.00	0.00	0.00	220.00
FOREMAN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	21.00
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	15.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	40.00
MACHINE LABOR COST	\$/AC	3.06	3.06	4.97	8.65	11.54	3.06	4.05	3.06	3.06	3.06	3.06	3.06	3.06	53.69
INTEREST ON OPER. CAP.	\$/AC	7.91	1.73	2.47	1.76	3.05	1.28	1.37	0.14	0.11	4.33	0.04	0.00	0.00	24.18
TRACTOR COST	\$/AC	0.00	0.00	1.12	3.29	4.99	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	9.99
EQUIPMENT COST	\$/AC	1.64	1.64	1.85	2.15	2.50	1.64	1.78	1.64	1.64	1.64	1.64	1.64	1.64	21.40
BLDG OPER. COST	\$/AC	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	5.73
IRRIGATION COST	\$/AC	0.00	0.00	14.61	14.61	0.00	14.61	14.61	0.00	0.00	0.00	0.00	0.00	0.00	58.42
IRRIG LABOR COST	\$/AC	0.00	0.00	0.53	0.53	0.00	0.53	0.53	0.00	0.00	0.00	0.00	0.00	0.00	2.13
TOTAL EXPENSES	\$/AC	106.18	25.90	41.03	32.71	64.77	31.59	40.33	5.32	5.28	305.51	5.21	5.18	671.02	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.60	0.60	0.97	1.70	2.26	0.60	0.79	0.60	0.60	0.60	0.60	0.60	10.53
IRRIGATION LABOR	HR/AC	0.00	0.00	0.13	0.13	0.00	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	3.00	3.00	0.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	12.00

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	17300.	15.	300.	9.36	8.99	1.96	20.32	5.34	0.80	3.84	9.99	3.024
PICKUP 1/2 TON	14	0.5	7500.	7.	435.	11.01	5.60	1.16	17.77	13.92	2.09	3.67	19.67	6.000
IRR PUMP 75 HP*	23	2.0	11388.	25.	3200.	0.78	1.00	0.24	2.02	20.68	0.31	0.50	21.48	6.000
PERM SET SPRINK*	57	2.0	125750.	20.	5000.	6.38	7.35	1.70	15.62	0.00	0.72	36.21	36.94	6.000
4ROW-CULTIVATOR	73	10.0	1700.	15.	50.	2.53	1.99	0.47	4.99	0.00	0.02	0.84	0.86	1.236
DUSTER 4 ROW	87	10.0	1000.	15.	50.	1.43	1.12	0.27	2.84	0.00	0.01	0.58	0.59	1.193
WD SPRYR 500 GAL	89	35.0	4200.	15.	50.	1.62	1.27	0.30	3.19	0.00	0.01	0.27	0.27	0.320
FARM SHOP	2		21600.	35.		13.89	25.63	6.08	45.59	5.40		0.23	5.63	
MISCL ORCH EQUIP	55		3000.	8.		8.44	3.56	0.84	12.84	0.00		0.09	0.09	

TOTAL INVESTMENT OR COST	193438.					55.65	56.51	13.03	125.19	45.34	3.96	46.24	95.53
MACHINERY & EQUIPMENT	4836.												
INVESTMENT PER ACRE													

BASED ON A 40 ACRE VINEYARD, WITH CANE PRUNED  
 TRELIS SYSTEM AND SPRINKLER PROTECTION  
 413 VINES PER ACRE

UPDATED 09/27/78

UC Cooperative Extension

Date Printed 3/22/79

TITLE: PRODUCTION COSTS & RETURNS FOR WINE GRAPES  
IN NORTH COAST COUNTIES  
(NAPA, SONOMA, MENDOCINO)

Grapes # 371

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
GRAPES, WINE	TON	234.000	4.000	1016.00	
<b>TOTAL RECEIPTS:</b>				\$ 1016.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PRUNING	VINE	0.200	413.000	82.60	
BRUSH REMOVAL	ACRE	3.000	1.000	3.00	
TYE OR PROP	ACRE	17.000	1.000	17.00	
PNDRY MILDWE CTL	LBS.	0.050	50.000	2.50	
INSECTICIDE	GAL.	0.113	300.000	33.90	
NITROGEN	LBS.	0.250	30.000	7.50	
SUCKER CONTROL	ACRE	24.000	1.000	24.00	
HERBICIDE	ACRE	15.000	1.000	15.00	
SEASONAL LABOR	ACRE	10.000	1.000	10.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			9.99	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			21.40	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			5.73	
IRRIGATION POWER COST	ACRE			20.66	
IRRIGATION (LUBE-REPAIRS)	ACRE			37.73	
IRRIGATION WATER APPLIED	ACR	4.868	12.000		
MACHINERY LABOR	HOOR	5.100	10.527	53.69	
IRRIGATION LABOR	HOOR	4.250	0.500	2.13	
INTEREST ON OPERATING CAP.	DOL.	0.086	122.757	10.40	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 361.24	
<b>PREHARVEST COST PER TON</b>				\$ 90.31	
<b>HARVEST:</b>					
CUSTOM HARVEST	TON	55.000	4.000	220.00	
FOREMAN	ACRE	21.000	1.000	21.00	
MISCL EXPENSE	ACRE	15.000	1.000	15.00	
CUSTOM HAULING	TON	10.000	4.000	40.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	197.333	17.03	
<b>TOTAL HARVEST COSTS:</b>				\$ 313.03	
<b>HARVEST COST PER TON</b>				\$ 78.26	
<b>TOTAL VARIABLE COSTS:</b>				\$ 674.27	
<b>VARIABLE COST PER TON</b>				\$ 168.57	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER TON				\$ 341.73	
INCOME PER TON				\$ 83.43	
<b>4. CASH OVERHEAD:</b>					
REAL PROPERTY TAXES:				160.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				16.86	
<b>TOTAL CASH OVERHEAD:</b>				\$ 176.86	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
INCOME PER TON				\$ 164.87	
INCOME PER TON				\$ 41.22	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			25.97	
IRRIGATION SYSTEM	ACRE			7.36	
BUILDINGS	ACRE			22.32	
TREES, VINES OR STAND	ACRE			113.60	
<b>TOTAL DEPRECIATION:</b>				\$ 169.25	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.086	217.849	18.97	
IRRIGATION SYSTEM		0.086	96.710	8.35	
BUILDINGS		0.086	338.250	29.19	
TREES, VINES OR STAND		0.086	2640.000	245.69	
LAND		0.083	4000.000	330.00	
<b>TOTAL INTEREST CHARGE:</b>				\$ 631.60	
<b>TOTAL FIXED COSTS:</b>				\$ 800.86	
<b>FIXED COST PER TON</b>				200.21	
<b>7. TOTAL OF ABOVE COSTS:</b>					
TOTAL COST PER TON				\$ 1651.99	
TOTAL COST PER TON				413.00	
<b>8. NET RETURNS:</b>					
NET RETURNS PER TON				\$ -635.99	
NET RETURNS PER TON				-159.00	

BASED ON A 40 ACRE VINEYARD, WITH CANE PRUNED  
TRELLIS SYSTEM AND SPRINKLER PROTECTION  
413 VINES PER ACRE

UPDATED 09/27/78

BUDGET IDENTIFICATION NUMBER 2474900230 732 1  
DATE PRINTED: 03/09/79

BUDGET RECORD NUMBER 371  
HARVEST MONTH: 6

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	1016.00	0.00	0.00	1016.00
OPERATING EXPENSES															
PRUNING	\$/AC	82.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.60
BRUSH REMOVAL	\$/AC	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
TYE OR PROP	\$/AC	0.00	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.00
PWDRY MILDEW CTL	\$/AC	0.00	0.00	0.00	1.25	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	16.95	0.00	16.95	0.00	0.00	0.00	0.00	0.00	0.00	33.90
NITROGEN	\$/AC	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50
SUCKER CONTROL	\$/AC	0.00	0.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00
HERBICIDE	\$/AC	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
SEASONAL LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220.00	0.00	0.00	0.00	220.00
FOREMAN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	21.00
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	15.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	40.00
MACHINE LABOR COST	\$/AC	3.06	3.06	4.97	8.65	11.54	3.06	4.05	3.06	3.06	3.06	3.06	3.06	3.06	53.69
INTEREST ON OPER. CAP.	\$/AC	3.54	0.70	0.83	0.45	0.45	0.02	3.05	0.35	0.31	17.30	0.24	0.20	0.20	27.43
TRACTOR COST	\$/AC	0.00	0.00	1.12	3.29	4.99	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	9.99
EQUIPMENT COST	\$/AC	1.64	1.64	1.85	2.15	2.50	1.64	1.78	1.64	1.64	1.64	1.64	1.64	1.64	21.40
BLDG OPER. COST	\$/AC	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	5.73
IRRIGATION COST	\$/AC	0.00	0.00	14.61	14.61	0.00	14.61	14.61	0.00	0.00	0.00	0.00	0.00	0.00	58.42
IRRIG LABOR COST	\$/AC	0.00	0.00	0.53	0.53	0.00	0.53	0.53	0.00	0.00	0.00	0.00	0.00	0.00	2.13
TOTAL EXPENSES	\$/AC	103.82	24.87	39.38	31.41	62.16	30.33	42.02	5.53	5.49	318.48	5.41	5.38	674.27	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.60	0.60	0.97	1.70	2.26	0.60	0.79	0.60	0.60	0.60	0.60	0.60	10.53
IRRIGATION LABOR	HR/AC	0.00	0.00	0.13	0.13	0.00	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	3.00	3.00	0.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	12.00

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	17300.	15.	300.	9.36	8.99	1.96	20.32	5.34	0.80	3.84	9.99	3.024
PICKUP 1/2 TON	14	0.5	7500.	7.	435.	11.01	5.60	1.16	17.77	13.92	2.09	3.67	19.67	6.000
IRR PUMP 75 HP*	23	2.0	11388.	25.	3200.	0.78	1.00	0.24	2.02	20.68	0.31	0.50	21.48	6.000
PERM SET SPRINK*	57	2.0	125750.	20.	5000.	6.58	7.35	1.70	15.62	0.00	0.72	36.21	36.94	6.000
4ROW-CULTIVATOR	73	10.0	1700.	15.	50.	2.53	1.99	0.47	4.99	0.00	0.02	0.84	0.86	1.236
DUSTER 4 ROW	87	10.0	1000.	15.	50.	1.45	1.12	0.27	2.84	0.00	0.01	0.58	0.59	1.193
WD SPRYR 500 GAL	89	35.0	4200.	15.	50.	1.62	1.27	0.30	3.19	0.00	0.01	0.27	0.27	0.320
FARM SHOP	2		21600.	35.		13.89	25.63	6.08	45.59	5.40		0.23	5.63	
MISCL ORCH EQUIP	55		3000.	8.		6.44	3.56	0.84	12.84	0.00		0.09	0.09	

TOTAL INVESTMENT OR COST	193438.					55.65	56.51	13.03	125.19	45.34	3.96	46.24	95.53
MACHINERY & EQUIPMENT	4836.												
INVESTMENT PER ACRE													

BASED ON A 40 ACRE VINEYARD, WITH CANE PRUNED  
 TRELIS SYSTEM AND SPRINKLER PROTECTION  
 413 VINES PER ACRE

BUDGET IDENTIFICATION NUMBER 2474900230 732 1  
 HARVEST OR SALE MONTH 12

BUDGET RECORD NUMBER 371

PRODUCTION COSTS & RETURNS FOR WINE GRAPES  
 IN NORTH COAST COUNTIES  
 (NAPA, SONOMA, MENDOCINO)

COSTS AND RETURNS WILL BE  
 DIVIDED BY 4.0 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					
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX					
	NUMBER OF UNITS																						
1 GRAPES, WINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	254.000	0.000	3	47	2	0					
OPERATING INPUTS													PRICE	SHARE	UNIT	ITEM	TYPE	HARV					
	RATE/UNIT													RENT	CODE	CODE		CODE					
6 PRUNING	413.00	0.00	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					
7 BRUSH REMOVAL	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	7	313	3	0					
8 TYE OR PROP	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.000	0.000	7	342	3	0					
9 PDWRY MILDW CTL	0.00	0.00	0.00	25.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.050	0.000	12	239	3	0					
10 INSECTICIDE	0.00	0.00	0.00	0.00	150.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.113	0.000	5	240	3	0					
11 NITROGEN	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	0.000	12	211	3	0					
12 SUCKER CONTROL	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.000	0.000	7	273	3	0					
13 HERBICIDE	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000	0.000	7	250	3	0					
14 SEASONAL LABOR	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7	330	3	0					
15 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	55.000	0.000	3	304	3	9					
16 FOREMAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	21.000	0.000	7	334	3	9					
17 MISCL EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	15.000	0.000	7	400	3	9					
18 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	10.000	0.000	3	306	3	9					
MACHINERY REQUIREMENTS													IMPLEMENTS =	TIMES OVER,	TRUCKS = #	MILES/ACRE,	TRACTORS =	HRS/ACRE	# CREW	POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE			CODE					
26 4ROW-CULTIVATOR	0.00	0.00	1.00	1.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5	73	4	0					
27 WD SPRYR 500 GAL	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5	89	4	0					
28 DUSTER 4 ROW	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5	87	4	0					
29 PICKUP 1/2 TON	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.000	0.000	0	14	4	0					
													SHARE	SHARE	POWER	SYSM							
													FIXED %	VAR %	UNIT	CODE	LIFT						
49 ACIN IRRIG WATER	0.00	0.00	3.00	3.00	0.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	57	100						
50 NO. TIMES IRRIG	0.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00											

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.600	0.	2.	5.	0.
52 MISCL ORCH EBUIP	2.000	1.000	0.	55.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	40.00	4000.00	160.00	25.0 5680.00

BASED ON A 40 ACRE VINEYARD, WITH CANE PRUNED  
 TRELIS SYSTEM AND SPRINKLER PROTECTION  
 413 VINES PER ACRE

MACHINERY COMPLEMENT 7  
 EQUIPMENT COMPLEMENT 1

UPDATED 09/27/78

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

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