

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
GRAPES, WINE	TON	154.000	8.000	1232.00	
<b>TOTAL RECEIPTS:</b>				\$	1232.00
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PRUNING	HOUR	3.800	22.000	83.60	
BRUSH REMOVAL	ACRE	10.000	1.000	10.00	
NITROGEN	LBS.	0.300	50.000	15.00	
INSECTICIDE	ACRE	30.000	1.000	30.00	
HERBICIDE	ACRE	10.000	1.000	10.00	
TYE OR PROP	ACRE	8.700	1.000	8.70	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			5.48	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			2.38	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			4.96	
IRRIGATION POWER COST	ACRE			9.09	
IRRIGATION (LUBE-REPAIRS)	ACRE			112.44	
IRRIGATION WATER APPLIED	ACIN	3.376	36.000		
MACHINERY LABOR	HOUR	5.100	2.683	13.68	
IRRIGATION LABOR	HOUR	4.250	0.750	3.19	
INTEREST ON OPERATING CAP.	DOL.	0.086	141.953	12.01	
<b>TOTAL PREHARVEST COSTS:</b>				\$	320.54
<b>PREHARVEST COST PER TON</b>				\$	40.07
<b>HARVEST:</b>					
HARVEST & HAUL	TON	40.000	8.000	320.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			0.54	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			1.11	
MACHINERY LABOR	HOUR	5.100	1.496	7.63	
INTEREST ON OPERATING CAP.	DOL.	0.086	7.627	0.68	
<b>TOTAL HARVEST COSTS:</b>				\$	329.95
<b>HARVEST COST PER TON</b>				\$	41.24
<b>TOTAL VARIABLE COSTS:</b>				\$	650.49
<b>VARIABLE COST PER TON</b>				\$	81.31
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER TON</b>				\$	581.51
<b>INCOME PER TON</b>				\$	72.69
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>					69.73
<b>MISC. OFFICE &amp; BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)</b>					16.26
<b>TOTAL CASH OVERHEAD:</b>				\$	85.99
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER TON</b>				\$	495.52
<b>INCOME PER TON</b>				\$	61.94
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			14.67	
IRRIGATION SYSTEM	ACRE			22.08	
BUILDINGS	ACRE			26.13	
TREES, VINES OR STAND	ACRE			20.00	
<b>TOTAL DEPRECIATION:</b>				\$	82.88
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.086	151.039	13.03	
IRRIGATION SYSTEM		0.086	290.131	25.04	
BUILDINGS		0.086	374.063	32.28	
TREES, VINES OR STAND		0.086	600.000	51.78	
LAND		0.083	1000.000	82.50	
<b>TOTAL INTEREST CHARGE:</b>				\$	204.63
<b>TOTAL FIXED COSTS:</b>				\$	287.51
<b>FIXED COST PER TON</b>				\$	35.94
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER TON</b>				\$	1023.99
<b>TOTAL COST PER TON</b>				\$	128.00
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER TON</b>				\$	206.01
<b>NET RETURNS PER TON</b>				\$	26.00

BASED ON AN 80 ACRE VINEYARD  
SPRINKLER IRRIG.

AUTHOR: COOP EXT  
UPDATED 11/10/78

BUDGET IDENTIFICATION NUMBER 2473400620 732 1  
DATE PRINTED: 03/22/79

BUDGET RECORD NUMBER 356  
HARVEST MONTH: 10

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	0.00	0.00	0.00	308.00	924.00	0.00	0.00	1232.00
OPERATING EXPENSES														
PRUNING	\$/AC	0.00	83.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.60
BRUSH REMOVAL	\$/AC	0.00	0.00	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.00
NITROGEN	\$/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
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	15.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
HERBICIDE	\$/AC	0.00	0.00	0.00	3.30	3.30	3.40	0.00	0.00	0.00	0.00	0.00	0.00	10.00
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	240.00	0.00	0.00	320.00
TYE OR PROP	\$/AC	0.00	0.00	0.00	0.00	4.35	0.00	4.35	0.00	0.00	0.00	0.00	0.00	8.70
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.99	4.74	2.83	1.91	3.81	3.81	0.00	3.21	0.00	21.31
INTEREST ON OPER. CAP.	\$/AC	0.00	4.78	0.53	1.74	1.81	1.82	0.61	0.37	0.62	0.01	0.48	0.00	12.69
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.40	1.90	1.13	0.77	0.27	0.27	0.00	1.29	0.00	6.02
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.14	0.85	0.28	0.57	0.55	0.55	0.00	0.54	0.00	3.49
BLOG OPER. COST	\$/AC	0.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00	4.96
IRRIGATION COST	\$/AC	0.00	0.00	0.00	20.25	20.25	40.51	20.25	20.25	0.00	0.00	0.00	0.00	121.53
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.53	0.53	1.06	0.53	0.53	0.00	0.00	0.00	0.00	3.19
TOTAL EXPENSES	\$/AC	0.00	88.87	11.02	42.84	53.24	66.53	29.49	26.29	85.75	240.50	5.94	0.00	650.49

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	0.00	0.00	0.00	6.19	0.93	0.55	0.38	0.75	0.75	0.00	0.63	0.00	4.18
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.13	0.13	0.25	0.13	0.13	0.00	0.00	0.00	0.00	0.75
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	6.00	6.00	12.00	6.00	6.00	6.00	6.00	6.00	6.00	36.00

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	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 35 HP	3	35.0	8300.	15.	300.	0.40	0.38	0.08	0.87	0.33	0.05	0.16	0.54	0.269
TRACTOR 50 HP	4	50.0	13300.	15.	300.	5.81	5.57	1.22	12.60	2.69	0.40	2.38	5.48	2.439
FORKLIFT*	20	2.0	9500.	15.	200.	2.55	2.45	0.53	5.53	0.58	0.09	0.43	1.11	1.000
IRR PUMP 75 HP*	23	2.0	11388.	25.	3200.	2.35	3.00	0.72	6.06	9.09	0.14	1.49	10.71	18.000
SML NUT CART	41	3.0	400.	10.	200.	0.04	0.03	0.01	0.07	0.00	0.00	0.00	0.00	0.244
PERM SET SPRINK*	37	2.0	125750.	20.	5000.	19.73	22.04	5.09	46.86	0.00	2.17	108.64	110.82	18.000
DISC-OFFSET	76	6.0	1800.	15.	160.	0.35	0.28	0.07	0.70	0.00	0.01	0.53	0.54	0.521
ROTO-TILLER	84	7.0	3800.	15.	60.	2.37	1.86	0.44	4.67	0.00	0.02	1.11	1.13	0.820
DUSTER 4 ROW	87	10.0	1000.	15.	50.	0.72	0.56	0.13	1.42	0.00	0.01	0.29	0.30	0.597
WD SPRYR 300 GAL	89	35.0	4200.	15.	30.	2.43	1.91	0.45	4.79	0.00	0.01	0.40	0.41	0.480
MISCL ORCH EQUIP	55		6000.	8.		8.44	3.56	0.84	12.84	0.00		0.09	0.09	
FARM SHOP	2		36000.	35.		11.57	21.36	5.08	37.99	4.50		0.19	4.69	
SHOP TOOLS&EQUIP	4		10500.	15.		6.13	7.36	1.48	14.96	0.00		0.17	0.17	

TOTAL INVESTMENT OR COST 231938.  
 MACHINERY & EQUIPMENT 2899.  
 INVESTMENT PER ACRE

BASED ON AN 60 ACRE VINEYARD  
 SPRINKLER IRRIG.

3/22/79

AUTHOR: COOP EXT  
 UPDATED 11/10/78

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	0.00	0.00	0.00	0.00	308.00	924.00	0.00	0.00	1232.00
OPERATING EXPENSES															
PRUNING	\$/AC	0.00	83.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.60
BRUSH REMOVAL	\$/AC	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
NITROGEN	\$/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	0.00	15.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	15.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
HERBICIDE	\$/AC	0.00	0.00	0.00	3.30	3.30	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	240.00	0.00	0.00	320.00
TYE OR PROP	\$/AC	0.00	0.00	0.00	0.00	4.35	0.00	4.35	0.00	0.00	0.00	0.00	0.00	0.00	8.70
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.99	4.74	2.83	1.91	3.81	3.81	0.00	3.21	0.00	0.00	21.31
INTEREST ON OPER. CAP.	\$/AC	0.00	2.37	0.24	0.59	0.38	0.02	2.25	1.83	5.49	13.81	0.25	0.00	0.00	27.25
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.40	1.90	1.13	0.77	0.27	0.27	0.00	1.29	0.00	0.00	6.02
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.14	0.85	0.28	0.57	0.55	0.55	0.00	0.54	0.00	0.00	3.49
BLOG OPER. COST	\$/AC	0.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	4.96
IRRIGATION COST	\$/AC	0.00	0.00	0.00	20.25	20.25	40.51	20.25	20.25	0.00	0.00	0.00	0.00	0.00	121.53
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.53	0.53	1.06	0.53	0.53	0.00	0.00	0.00	0.00	0.00	3.19
TOTAL EXPENSES	\$/AC	0.00	86.47	10.74	41.69	51.80	64.73	31.13	27.75	90.62	254.31	5.79	0.00	0.00	665.05

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.19	0.93	0.55	0.38	0.75	0.75	0.00	0.63	0.00	0.00	4.18
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.13	0.13	0.25	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.75
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	6.00	6.00	12.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	36.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	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	8300.	15.	300.	0.40	0.38	0.08	0.87	0.33	0.05	0.16	0.54	0.269
TRACTOR 50 HP	4	50.0	13300.	15.	300.	5.81	5.57	1.22	12.60	2.69	0.40	2.38	5.48	2.439
FORKLIFT*	20	2.0	9500.	15.	200.	2.55	2.45	0.53	5.53	0.58	0.09	0.43	1.11	1.000
IRR PUMP 75 HP*	23	2.0	11388.	25.	3200.	2.35	3.00	0.72	6.06	9.09	0.14	1.49	10.71	18.000
S&L NUT CART	41	5.0	400.	10.	200.	0.04	0.03	0.01	0.07	0.00	0.00	0.00	0.00	0.244
PERM SET SPRINK*	57	2.0	125750.	20.	5000.	19.73	22.04	5.09	46.86	0.00	2.17	108.64	110.82	18.000
DISC-OFFSET	76	6.0	1800.	15.	160.	0.35	0.28	0.07	0.70	0.00	0.01	0.53	0.54	0.521
ROTO-TILLER	84	7.0	3800.	15.	60.	2.37	1.86	0.44	4.67	0.00	0.02	1.11	1.13	0.620
DUSTER 4 ROW	87	10.0	1000.	15.	50.	0.72	0.56	0.13	1.42	0.00	0.01	0.29	0.30	0.597
WD SPRYR 500 GAL	89	35.0	4200.	15.	50.	2.43	1.91	0.45	4.79	0.00	0.01	0.40	0.41	0.480
MISCL ORCH EQUIP	55		6000.	8.		8.44	3.56	0.84	12.84	0.00		0.09	0.09	
FARM SHOP	2		36000.	35.		11.57	21.36	5.06	37.99	4.50		0.19	4.69	
SHOP TOOLS&EQUIP	4		10500.	15.		6.13	7.36	1.48	14.96	0.00		0.17	0.17	

TOTAL INVESTMENT OR COST 231938.  
 MACHINERY & EQUIPMENT 2899.  
 INVESTMENT PER ACRE 62.88 70.35 16.13 149.36 17.19 2.90 115.92 136.00

BASED ON AN 80 ACRE VINEYARD  
 SPRINKLER IRRIG.

3/8/79

AUTHOR: COOP EXT  
 UPDATED 11/10/78

BUDGET IDENTIFICATION NUMBER 2473400620 732 1  
 HARVEST OR SALE MONTH 10

BUDGET RECORD NUMBER 356

WINE GRAPE PRODUCTION COSTS & RETURNS  
 IN LOWER SACRAMENTO VALLEY - 1978

COSTS AND RETURNS WILL BE  
 DIVIDED BY 8.0 TON  
 TO OBTAIN PER TON COSTS

LINE	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
PRODUCTION	NUMBER OF UNITS																	
1 GRAPES, WINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	6.00	0.00	0.00	154.000	0.000	3.	47.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
6 PRUNING	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.800	0.000	8.	340.	3.	0.
7 BRUSH REMOVAL	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7.	313.	3.	0.
8 NITROGEN	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.300	0.000	12.	211.	3.	0.
9 INSECTICIDE	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	30.000	0.000	7.	240.	3.	0.
10 HERBICIDE	0.00	0.00	0.00	0.33	0.33	0.34	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7.	250.	3.	0.
11 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	6.00	0.00	0.00	40.000	0.000	3.	318.	3.	9.
13 TIE OR PROP	0.00	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	8.700	0.000	7.	342.	3.	0.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												H CREW POWER MACH TYPE HARV LABOR UNIT CODE CODE CODE					
26 ROTO-TILLER	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	4.	84.	4.	0.
27 WD SPRYR 500 GAL	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	89.	4.	0.
28 DUSTER 4 ROW	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	87.	4.	0.
29 DISC-OFFSET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	4.	76.	4.	0.
30 SNL NUT CART	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	3.	41.	4.	9.
31 FORKLIFT*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	0.	20.	4.	9.
49 ACIN IRRIG WATER	0.00	0.00	0.00	6.00	6.00	12.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.	57.	10.
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EQUIPMENT REQUIREMENTS

	NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX
51 MISCL ORCH EQUIP	4.000	1.000	0.	55.	5. 0.
52 FARM SHOP	1.000	1.000	0.	2.	5. 0.
53 SHOP TOOLS&EQUIP	1.000	1.000	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	1.	80.00	1000.00	69.73	30.0	1200.00

BASED ON AN 80 ACRE VINEYARD  
 SPRINKLER IRRIG.

AUTHOR: COOP EXT  
 UPDATED 11/10/78

MACHINERY COMPLEMENT 7  
 EQUIPMENT COMPLEMENT 1

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

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