

TITLE: WINE GRAPES PRODUCTION COSTS & RETURNS
KERN COUNTY - 1977

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
GRAPES, WINE	TON	154.000	8.000	1232.00	
TOTAL RECEIPTS:				\$ 1232.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	VINE	0.150	510.000	76.50	
BRUSH REMOVAL	ACRE	5.000	1.000	5.00	
NITROGEN	LBS.	0.300	60.000	18.00	
HERBICIDE	ACRE	16.000	1.000	16.00	
INSECTICIDE	ACRE	40.000	1.000	40.00	
MISCL SUPPLIES	ACRE	6.000	1.000	6.00	
SEASONAL LABOR	HOUR	3.600	2.000	7.20	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			8.43	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			45.85	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			3.27	
IRRIGATION POWER COST	ACRE			18.89	
IRRIGATION (LUBE-REPAIRS)	ACRE			112.59	
IRRIGATION WATER APPLIED	ACIN	3.652	36.000		
MACHINERY LABOR	HOUR	4.000	19.734	78.94	
IRRIGATION LABOR	HOUR	4.600	1.000	4.60	
INTEREST ON OPERATING CAP.	DOL.	0.086	168.716	14.36	
TOTAL PREHARVEST COSTS:				\$ 455.64	
PREHARVEST COST PER TON				\$ 56.95	
HARVEST:					
HARVEST & HAUL	TON	34.000	8.000	272.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	209.667	18.09	
TOTAL HARVEST COSTS:				\$ 290.09	
HARVEST COST PER TON				\$ 36.26	
TOTAL VARIABLE COSTS:				\$ 745.73	
VARIABLE COST PER TON				\$ 93.22	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$ 486.27	
				\$ 60.78	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				50.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				18.64	
TOTAL CASH OVERHEAD:				\$ 68.64	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ 417.63	
				\$ 52.20	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			37.79	
IRRIGATION SYSTEM	ACRE			22.08	
BUILDINGS	ACRE			16.66	
TREES, VINES OR STAND	ACRE			78.30	
TOTAL DEPRECIATION:				\$ 154.83	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	272.076	23.48	
IRRIGATION SYSTEM		0.086	290.131	25.04	
BUILDINGS		0.086	327.667	28.28	
TREES, VINES OR STAND		0.086	2349.000	202.72	
LAND		0.083	2000.000	165.00	
TOTAL INTEREST CHARGE:				\$ 444.51	
TOTAL FIXED COSTS:				\$ 599.35	
FIXED COST PER TON				74.92	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 1413.72	
				176.72	
8. NET RETURNS:					
NET RETURNS PER TON				\$ -181.72	
				-22.72	

Historical File - 1977 Budget

120 ACRE VINEYARD
OVERHEAD SPRINKLERS: 510 VINES/AC

AUTHOR: COOP EXT
UPDATED 09/27/78

BUDGET IDENTIFICATION NUMBER 2471500620 732 1
DATE PRINTED: 03/08/79

BUDGET RECORD NUMBER 338
HARVEST MONTH: 6

IDENTIFICATION NUMBER 2471500620 732 1
 WINE GRAPES PRODUCTION COSTS & RETURNS
 KERN COUNTY - 1977

HARVEST MONTH 6

BUDGET RECORD NUMBER 338

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	308.00	924.00	0.00	0.00	0.00	1232.00
OPERATING EXPENSES															
PRUNING	\$/AC	0.00	76.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.50
BRUSH REMOVAL	\$/AC	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
NITROGEN	\$/AC	0.00	0.00	9.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	4.00	4.00	4.00	4.00	0.00	0.00	0.00	0.00	0.00	16.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	20.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.00	204.00	0.00	0.00	0.00	0.00	272.00
MISCL SUPPLIES	\$/AC	0.00	0.00	0.00	0.00	3.60	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
SEASONAL LABOR	\$/AC	0.00	0.00	0.00	0.00	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.20
MACHINE LABOR COST	\$/AC	5.04	5.90	7.51	5.04	10.51	8.15	5.67	5.67	6.22	8.59	5.04	5.58	78.94	
INTEREST ON OPER. CAP.	\$/AC	0.32	2.58	0.46	0.35	0.58	0.01	5.67	6.99	13.67	0.78	0.43	0.41	32.46	
TRACTOR COST	\$/AC	0.00	0.39	1.13	0.60	2.50	1.42	0.29	0.29	0.54	1.62	0.60	0.25	8.43	
EQUIPMENT COST	\$/AC	3.53	3.66	3.68	3.53	4.21	4.36	4.21	4.21	3.54	3.55	3.53	3.84	45.85	
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	14.61	29.22	36.52	36.52	14.61	0.00	0.00	0.00	0.00	131.48	
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.58	1.15	1.15	1.15	0.58	0.00	0.00	0.00	0.00	4.60	
TOTAL EXPENSES	\$/AC	9.16	94.30	22.06	24.37	62.65	67.89	77.79	104.62	228.44	14.82	9.27	10.35	745.73	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	1.26	1.48	1.88	1.26	2.63	2.04	1.42	1.42	1.56	2.15	1.26	1.40	19.73
IRRIGATION LABOR	HR/AC	0.60	0.60	0.60	0.13	0.25	0.25	0.25	0.13	0.00	0.00	0.00	0.00	1.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	4.00	8.00	10.00	10.00	4.00	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.	6.23	5.98	1.31	13.52	5.11	0.77	2.56	8.43	4.195
PICKUP 3/4 TON	15	0.8	8500.	7.	435.	26.20	13.33	2.77	42.30	29.23	4.38	6.72	42.34	12.600
IRR PUMP 75 HP*	23	2.0	11388.	25.	3200.	2.35	3.00	0.72	6.06	18.89	0.28	1.49	20.67	18.000
BONDOLAS	42	5.0	960.	10.	200.	0.37	0.24	0.05	0.67	0.00	0.00	0.03	0.03	0.978
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
CHISEL	66	6.0	1800.	15.	65.	0.30	0.23	0.06	0.59	0.00	0.00	0.13	0.13	0.178
DISC-HYD OFFSET	79	14.0	6000.	15.	75.	0.54	0.42	0.10	1.06	0.00	0.01	0.30	0.31	0.112
DUSTING RIG	90	35.0	12000.	15.	100.	3.79	2.97	0.71	7.47	0.00	0.05	2.67	2.73	0.524
MB PLOW 4-16	115	5.3	600.	15.	100.	0.37	0.29	0.07	0.73	0.00	0.01	0.30	0.31	1.022
FARM SHOP	2		36000.	35.		7.71	14.24	3.38	25.33	3.00		0.13	3.13	
SHOP TOOLS&EQUIP	4		10500.	15.		4.08	4.91	0.98	9.98	0.00		0.12	0.12	
STORAGE SHED	8		22500.	35.		4.82	8.90	2.11	15.83	0.00		0.03	0.03	
FUELTANK 550 GAL	18		400.	30.		0.04	0.23	0.04	0.31	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 244698.
 MACHINERY & EQUIPMENT 2039.
 INVESTMENT PER ACRE 76.53 76.80 17.38 170.71 56.23 7.68 125.13 189.04

120 ACRE VINEYARD
 OVERHEAD SPRINKLERS: 510 VINES/AC

AUTHOR: COOP EXT
 UPDATED 09/27/78

BUDGET IDENTIFICATION NUMBER 2471500620 732 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 338

WINE GRAPES PRODUCTION COSTS & RETURNS
 KERN COUNTY - 1977

COSTS AND RETURNS WILL BE
 DIVIDED BY 8.0 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	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX	
PRODUCTION	NUMBER OF UNITS													PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
1 GRAPES, WINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	6.00	0.00	0.00	0.00	0.00	154.000	0.000	3.	47.	2.	0.
OPERATING INPUTS	RATE/UNIT													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
6 PRUNING	0.00	510.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.150	0.000	25.	340.	3.	0.	
7 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	5.000	0.000	7.	313.	3.	0.	
8 NITROGEN	0.00	0.00	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.300	0.000	12.	211.	3.	0.	
10 HERBICIDE	0.00	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00	16.000	0.000	7.	250.	3.	0.	
11 INSECTICIDE	0.00	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	40.000	0.000	7.	240.	3.	0.	
12 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	6.00	0.00	0.00	0.00	34.000	0.000	3.	318.	3.	9.	
13 MISCL SUPPLIES	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	7.	423.	3.	0.	
14 SEASONAL LABOR	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.600	0.000	8.	330.	3.	0.	
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE													M CREW	POWER	MACH	TYPE	HARV	
														LABOR	UNIT	CODE		CODE	
26 TRACTOR 35 HP	0.00	0.00	0.00	0.00	1.00	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	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	90.	4.	0.	
31 GONDOLAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	6.00	0.00	0.00	0.000	0.000	3.	42.	4.	0.	
32 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.	
33 PICKUP 3/4 TON	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	0.000	0.000	0.	15.	4.	0.	
														SHARE	SHARE	POWER	SYSM	LIFT	
														FIXED %	VAR %	UNIT	CODE		
49 ACIN IRRIG WATER	0.00	0.00	0.00	4.00	8.00	10.00	10.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.	57.	75.	
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	0.00	0.00	0.00	

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	2000.00	50.00	30.0 4698.00

120 ACRE VINEYARD
 OVERHEAD SPRINKLERS: 510 VINES/AC

AUTHOR: COOP EXT
 UPDATED 09/27/78
 MACHINERY COMPLEMENT 7
 EQUIPMENT COMPLEMENT 1

MACHNRY NAME	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL
CHANGE->	42	4.000000	11.	90	3.000000	12.		4.600000				
PARAMETER CHGS->	10.											