

COST & RETURNS SUMMARY FOR GRAPES, WINE

VINEYARD ESTABLISHMENT COSTS

YEAR 1 OF 3

ARADOR COUNTY 1983

BY DEL FARNHAM AND KAREN KLONSKY

	UNIT	COST/UNIT	QUANTITY	COST PER ACRE	YOUR COST
2. VARIABLE COSTS:					
PREHARVEST:					
SURVEYING	HOURL	5.600	9.000	50.40	
STAKES 4'	EACH	0.720	550.000	396.00	
PLANTING LABOR	HOURL	5.000	32.000	160.00	
ROOTING, WINE	EACH	0.900	538.000	484.20	
GOPHER CTL	ACRE	12.500	2.000	25.00	
RABBIT CTL, ETC.	EACH	0.050	538.000	26.90	
HAND HOEING	HOURL	5.000	12.000	60.00	
CUST PEST & DIS	ACRE	7.500	2.000	15.00	
RISC LABOR & MAT	ACRE	15.000	1.000	15.00	
PICKUP USE	MILE	0.260	460.000	124.60	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			24.00	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			10.26	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.20	
IRRIGATION (POWER-LUBE-REP)	ACIN	2.857	4.750	13.57	
MACHINERY LABOR	HOURL	7.600	7.199	54.71	
IRRIGATION LABOR	HOURL	5.000	1.000	5.00	
INTEREST ON OPERATING CAP.	DOL.	0.14000	942.496	129.14	
TOTAL PREHARVEST COSTS:				1594.18	
PREHARVEST COST PER ACRE				1594.1849	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				1594.18	
VARIABLE COST PER ACRE				1594.1849	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				13.30	
REAL PROPERTY TAXES:				30.00	
TOTAL OVERHEAD:				43.30	
OVERHEAD COST PER ACRE				43.2955	
TOTAL CASH COSTS:				1637.48	
TOTAL CASH COST PER ACRE				1637.4804	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			32.55	
IRRIGATION SYSTEM	ACRE			2.58	
BUILDINGS	ACRE			42.89	
TOTAL DEPRECIATION:				78.02	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.14000	346.781	48.55	
IRRIGATION SYSTEM		0.14000	24.060	3.37	
BUILDINGS		0.09750	367.600	35.84	
LAND		0.09750	3000.000	292.50	
TOTAL INTEREST CHARGE:				380.26	
TOTAL FIXED COSTS:				458.28	
FIXED COST PER ACRE				458.2820	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				2095.76	
TOTAL COST PER ACRE				2095.7623	

25 ACRES OF 40 ACRE FARM, CERTIFIED ZINFANDEL

5X9 SPACING, 538 VINES PER ACRE

DRIP IRRIGATION

DATE PRINTED: 03/21/83

HARVEST MONTH: 10

UPDATED 03/21/83

BUDGET RECORD NUMBER 291

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 291
 VINEYARD ESTABLISHMENT COSTS
 YEAR 1 OF 3 ARADOR COUNTY 1983
 BY DEL FARNHAM AND KAREN KLONSKY

FUEL USED IN GALLONS PER HOUR

TRACTOR 50 HP 2.460
 IRRIG PUMP-10HP 39.385 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
CHISEL	1.424	TRACTOR 50 HP
DISC OFFSET 7'6"	1.760	TRACTOR 50 HP
SPRINGTOOTH 6'	1.862	TRACTOR 50 HP
DRIP IRRIG SYST*	187.077 (KWHRS)	IRRIG PUMP-10HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
CHISEL	1.424	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.424	DIESEL
DISC OFFSET 7'6"	3.520	0.000	3.520	1.760	1.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.560	DIESEL
SPRINGTOOTH 6'	0.000	0.000	0.000	0.000	3.723	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.723	DIESEL
DRIP IRRIG SYST*	0.000	0.000	0.000	0.000	18.708	74.831	74.831	18.708	0.000	0.000	0.000	0.000	187.077	KWH
TOTALS	4.944	0.000	3.520	1.760	24.191	74.831	74.831	18.708	0.000	0.000	0.000	0.000	15.707	

GALLONS FUEL BY TYPE

0.00 GAS
 0.00 LP
 15.71 DIESEL
 0.00 N. GAS
 187.08 KWHRS

FUEL TYPES
 1=GAS
 2=L.P.
 3=DIESEL
 4=N. GAS
 5=ELEC.

25 ACRES OF 40 ACRE FARM, CERTIFIED ZINFANDEL
 9X9 SPACING, 538 VINES PER ACRE
 DRIP IRRIGATION
 DATE PRINTED: 03/21/83

UPDATED 03/21/83

MACHINERY OPERATIONS SUMMARY
 VINEYARD ESTABLISHMENT COSTS
 YEAR 1 OF 3
 BY DEL FARNHAM AND KAREN KLONSKY

BUDGET RECORD NUMBER 291

ARADOR COUNTY 1983

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB. PER ACRE	REP. COSTS PER ACRE
CHISEL	4,	66 JAN	1.00	0.652	0.539	2.65	9.60
DISC OFFSET 7'6"	4,	76 JAN	2.00	1.613	1.333	8.24	21.39
DISC OFFSET 7'6"	4,	76 MAR	2.00	1.613	1.333	8.24	21.59
DISC OFFSET 7'6"	4,	76 APR	1.00	0.807	0.667	4.12	10.79
DISC OFFSET 7'6"	4,	76 MAY	1.00	0.807	0.667	4.12	10.79
SPRINGTOOTH 6'	4,	98 MAY	2.00	1.206	1.410	6.90	20.04
TOTALS				7.199	5.949	34.26	94.40

25 ACRES OF 40 ACRE FARM, CERTIFIED ZINFANDEL
 9X9 SPACING, 538 VINES PER ACRE
 DRIP IRRIGATION
 DATE PRINTED: 03/21/83

UPDATED 03/21/83

STORED DATA PAGE (NO CALCULATIONS) FOR GRAPES, WINE

BUDGET RECORD NUMBER 291

VINEYARD ESTABLISHMENT COSTS
YEAR 1 OF 3
BY DEL FARNHAM AND KAREN KLONSKY

AMADOR COUNTY 1983

COSTS AND RETURNS WILL BE
DIVIDED BY 1.0 ACRE
TO OBTAIN PER ACRE COSTS

	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	ITER	TYPE	XXXX
LINE																		
PRODUCTION																		
1 GRAPES, WINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00500	0.000	3.	47.	2.	0.
OPERATING INPUTS																		
6 SURVEYING	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.600	0.000	8.	497.	3.	0.
7 STAKES 4'	550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.720	0.000	23.	393.	3.	0.
8 PLANTING LABOR	0.00	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	332.	3.	0.
9 ROOTING, WINE	0.00	38.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.900	0.000	23.	147.	3.	0.
10 GOPHER CTL	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.500	0.000	7.	276.	3.	0.
11 RABBIT CTL, ETC.	0.00	38.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.050	0.000	23.	277.	3.	0.
12 HAND HOEING	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	335.	3.	0.
13 CUST PEST & DIS	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	7.500	0.000	7.	368.	3.	0.
14 MISC LABOR & MAT	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000	0.000	7.	300.	3.	0.
16 PICKUP USE	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	0.260	0.000	18.	152.	3.	0.

MACHINERY REQUIREMENTS	INPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW	POWER	MACH	TYPE	HARV	
	LABOR	UNIT	CODE															
26 CHISEL	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	66.	4.	0.
27 DISC OFFSET 7'6"	2.00	0.00	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	76.	4.	0.
28 SPRINGTOOTH 6'	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	98.	4.	0.
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	0.48	1.90	1.90	0.48	0.00	0.00	0.00	0.00	0.00	0.00	21.	56.	300.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	1.00	4.00	4.00	1.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER	PROPERTY	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 STORAGE SHED	1.000	0.625	0.	8.	5.	0.
52 2 FUELTANKS	1.000	0.625	0.	18.	5.	0.
53 MISC EQUIPMENT	1.000	0.625	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.	25.00	3000.00	30.00	0.0 0.00

ENTERPRISE 2-47 REGION/COUNTY 3 UNASSIGNED 00000 MACH CORP 7 IRRIG SYST 5 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 10

25 ACRES OF 40 ACRE FARM, CERTIFIED ZINFANDEL
9X9 SPACING, 538 VINES PER ACRE
DRIP IRRIGATION

MACHINERY COMPLEMENT 7
EQUIPMENT COMPLEMENT 1

UPDATED 03/21/83

GENERAL MACH CHANGE-->	LINE CHANGE	VALUE	GENERAL MACH CHANGE-->	LINE CHANGE	VALUE	GENERAL MACH CHANGE-->	LINE CHANGE	VALUE	GENERAL MACH CHANGE-->	LINE CHANGE	VALUE
393	STAKES 4'		300	MISC LABOR & MAT		276	GOPHER CTL		277	RABBIT CTL, ETC.	
325	IRRIGATION RENTA		152	PICKUP USE		87	DUSTER		76	DISC OFFSET 7'6"	
15	PICKUP, 4WD		89	WEED SPRAYER		87	DUSTER		98	SPRINGTOOTH 6'	
21	IRRIG PUMP-10HP		76	4 TRAILERS		18	2 FUELTANKS		75	40 WOODEN BINS	

MACH CORP CHGS-->	LN	CL	VALUE	LN	CL	VALUE	LN	CL	VALUE	LN	CL	VALUE
76.13.	3700.000000	98.2.	6.000000	21.16.	10.000000	54.3.	0.000000	54.13.	0.000000	4.13.	16000.000000	
4.	3.16000.000000	21.13.	2500.000000	21.3.	2500.000000	56.3.	22500.000000	56.13.	22500.000000	76.2.	7.500000	
76.3.	3700.000000	98.13.	1500.000000	98.3.	1500.000000	87.13.	700.000000	87.10.	10.000000	87.3.	700.000000	
89.13.	1200.000000	89.10.	10.000000	89.3.	1200.000000	56.9.	3000.000000	56.2.	1.000000	4.9.	225.000000	
55.6.	5000.000000	8.2.	2000.000000	8.6.	2000.000000	75.2.	1.000000	75.4.	2.000000	75.5.	7000.000000	
75.6.	7000.000000	75.7.	10.000000	76.2.	1.000000	76.4.	2.000000	76.5.	2000.000000	76.6.	2000.000000	
76.7.	15.000000	18.6.	1000.000000	18.5.	1000.000000	55.10.	0.000000	55.7.	4.000000			
10.	7.600000	11.	5.000000	12.	5.000000	18.	0.100000	26.	0.097500			

COST & RETURNS SUMMARY FOR GRAPES, WINE
 VINEYARD ESTABLISHMENT COSTS
 YEAR 2 OF 3 AMADOR COUNTY 1983
 BY DEL FARHAM AND KAREN KLONSKY

	UNIT	COST/UNIT	QUANTITY	CGST PER ACRE	YOUR COST
2. VARIABLE COSTS:					
PREHARVEST:					
TRAIN SUCKER	HOURL	5.000	20.000	100.00	
TIES- 3 PER VINE	VINE	0.060	538.000	32.28	
PRUNING&TYING	HOURL	5.000	6.000	30.00	
GOFFER CTL	ACRE	12.500	2.000	25.00	
HARD HOEING	HOURL	5.000	5.000	25.00	
CUST PEST & DIS	ACRE	7.500	2.000	15.00	
MISC LABOR & MAT	ACRE	20.000	1.000	20.00	
SCOTING, WINE	VINE	0.900	50.000	45.00	
PICKUP USE	MILE	0.260	480.000	124.80	
HERBICIDE	ACRE	11.770	1.000	11.77	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			17.55	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			7.05	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.20	
IRRIGATION (POWER-LUBE-REP)	ACIN	2.857	4.750	13.57	
MACHINERY LABOR	HOURL	7.600	5.264	40.01	
IRRIGATION LABOR	HOURL	5.600	1.000	5.60	
INTEREST ON OPERATING CAP.	DOL.	0.14000	246.368	33.45	
TOTAL PREHARVEST COSTS:				546.29	
PREHARVEST COST PER ACRE				546.2862	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				546.29	
VARIABLE COST PER ACRE				546.2862	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				9.59	
REAL PROPERTY TAXES:				30.00	
TOTAL OVERHEAD:				39.59	
OVERHEAD COST PER ACRE				39.5938	
TOTAL CASH COSTS:				585.68	
TOTAL CASH COST PER ACRE				585.8799	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			23.46	
IRRIGATION SYSTEM	ACRE			2.58	
BUILDINGS	ACRE			42.89	
TOTAL DEPRECIATION:				68.93	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.14000	250.453	35.06	
IRRIGATION SYSTEM		0.14000	24.060	3.37	
BUILDINGS		0.09750	367.600	35.84	
LAND		0.09750	3000.000	292.50	
TOTAL INTEREST CHARGE:				366.78	
TOTAL FIXED COSTS:				435.70	
FIXED COST PER ACRE				435.7039	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				1021.58	
TOTAL COST PER ACRE				1021.5838	
8. NET RETURNS:-					
NET RETURNS PER ACRE				-1021.58	
NET RETURNS PER ACRE				-1021.5838	

25 ACRES OF 40 ACRE FARM CERTIFIED ZINFANDEL
 9X9 SPACING 538 VINES PER ACRE
 DRIP IRRIGATION
 DATE PRINTED: 03/21/83 HARVEST MONTH: 10

UPDATED 03/21/83
 BUDGET RECORD NUMBER 292

VINEYARD ESTABLISHMENT COSTS

YEAR 2 OF 3

ARADOR COUNTY 1983

BY DEL FARNHAM AND KAREN KLONSKY



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	0.00	0.00	0.00	0.00
OPERATING EXPENSES															
TRAIN SUCKER	\$/AC	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
TIES- 3 PER VINE	\$/AC	0.00	0.00	0.00	0.00	32.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.23
PRUNING&TYING	\$/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
GOPHER CTL	\$/AC	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
CUST FERT & DIS	\$/AC	0.00	0.00	0.00	0.00	7.50	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
MISC LABOR & MAT	\$/AC	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
ROOTING, WINE	\$/AC	0.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00
PICKUP USE	\$/AC	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	124.80
HERBICIDE	\$/AC	0.00	0.00	0.00	11.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.77
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	14.78	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.01
INTEREST ON OPER. CAP.	\$/AC	1.08	7.60	0.83	11.61	6.59	2.04	0.60	0.27	0.11	0.00	1.33	1.20	0.00	33.45
TRACTOR COST	\$/AC	0.00	0.00	0.00	6.48	11.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.55
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	2.98	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.05
BLDG OPER. COST	\$/AC	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.20
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	1.36	5.43	5.43	1.36	0.00	0.00	0.00	0.00	0.00	13.57
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.56	2.24	2.24	0.56	0.00	0.00	0.00	0.00	0.00	5.60
TOTAL EXPENSES	\$/AC	11.49	93.21	11.24	183.04	124.07	47.62	18.69	12.61	10.53	10.42	11.74	11.62	0.00	546.29

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	1.94	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.26
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	0.10	0.40	0.40	0.10	0.00	0.00	0.00	0.00	1.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	0.43	1.90	1.90	0.48	0.00	0.00	0.00	0.00	4.75

MACHINERY FIXED AND VARIABLE COSTS PER ACRE														
MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN FIXED COST PER ACRE					VARIABLE COST PER ACRE				HRS PER ACRE
					ANN HOURS USED	DEPR.	INTER.	TAX \$INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 50 HP	4	50.0	16000.	15.	225.	18.27	28.46	7.66	54.39	11.03	1.65	4.87	17.55	4.786
IRRIG PUMP-10HP	21	1.0	2500.	25.	6400.	0.07	0.14	0.04	0.25	11.79	0.18	0.15	12.12	4.750
DRIP IRRIG SYST#	56	1.0	22500.	10.	3000.	2.51	3.23	0.80	6.54	0.00	0.03	1.42	1.45	4.750
DISC-OFFSET	76	7.5	3700.	15.	160.	3.72	4.73	1.39	9.84	0.00	0.11	5.61	5.72	2.667
WEED SPRAYER	68	15.0	2040.	15.	60.	0.56	0.71	0.21	1.48	0.00	0.00	0.12	0.12	0.274
SPRINGTOOTH	98	6.0	1500.	15.	140.	0.91	1.16	0.34	2.41	0.00	0.02	1.18	1.21	1.410
STORAGE SHED	8		12500.	35.		12.41	27.58	5.00	44.99	0.00		0.09	0.09	
FUELTANK 550 GAL	18		625.	30.		0.33	1.95	0.25	2.53	0.00		0.00	0.00	
MISC EQUIPMENT	55		3125.	4.		30.15	6.31	1.25	37.71	0.00		0.11	0.11	
MACHINERY & EQUIPMENT			2590.			66.93	74.28	16.94	160.14	22.82	2.00	13.56	38.37	
INVESTMENT & COSTS PER ACRE														
TOTAL INVESTMENT			64490.											

25 ACRES OF 40 ACRE FARM CERTIFIED ZINFANDEL
 9X9 SPACING 538 VINES PER ACRE
 DRIP IRRIGATION
 DATE PRINTED: 04/01/83

UPDATED 04/01/83



FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 292
 VINEYARD ESTABLISHMENT COSTS
 YEAR 2 OF 3 AMADOR COUNTY 1983
 BY DEL FARNHAM AND KAREN KLONSKY

FUEL USED IN GALLONS PER HOUR

TRACTOR 50 HP 2.400
 IRRIG PUMP-10HP 39.385 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
DISC-OFFSET	1.760	TRACTOR 50 HP
SPRINGCOTH	1.862	TRACTOR 50 HP
WEED SPRAYER	0.722	TRACTOR 50 HP
DRIP IRRIG SYST#	187.077 (KWHRS)	IRRIG PUMP-10HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
DISC-OFFSET	0.000	0.000	0.000	3.520	3.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.040	DIESEL
SPRINGCOTH	0.000	0.000	0.000	0.600	3.723	0.600	0.000	0.000	0.000	0.000	0.000	0.000	3.723	DIESEL
WEED SPRAYER	0.000	0.000	0.000	0.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.722	DIESEL
DRIP IRRIG SYST#	0.000	0.000	0.000	0.000	18.768	74.831	74.831	18.768	0.000	0.000	0.000	0.000	187.077	KWH
TOTALS	0.000	0.000	0.000	4.242	25.951	74.831	74.831	18.768	0.000	0.000	0.000	0.000	11.485	

GALLONS FUEL BY TYPE

0.00 GAS
 0.00 LP
 11.49 DIESEL
 0.00 M. GAS
 187.08 KWHRS

FUEL TYPES

1=GAS
 2=L.P.
 3=DIESEL
 4=M. GAS
 5=ELEC.

25 ACRES OF 40 ACRE FARM CERTIFIED ZINFANDEL
 9X9 SPACING 538 VINES PER ACRE
 DRIP IRRIGATION
 DATE PRINTED: 03/21/83

UPDATED 03/21/83

MACHINERY OPERATIONS SUMMARY

BUDGET RECORD NUMBER 292

VINEYARD ESTABLISHMENT COSTS
 YEAR 2 OF 3 AMADOR COUNTY 1983
 BY DEL FARNHAM AND KAREN KLONSKY

OPERATION	ITEM NO.	DATE	TIRES OVER	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
DISC-OFFSET	4,	76 APR	2.00	1.613	1.333	8.24	21.59
WEED SPRAYER	4,	68 APR	1.00	0.331	0.274	1.23	4.90
DISC-OFFSET	4,	76 MAY	2.00	1.613	1.333	8.24	21.59
SPRINGCOTH	4,	98 MAY	2.00	1.206	1.410	6.90	20.04
TOTALS				5.264	4.351	24.60	68.12

25 ACRES OF 40 ACRE FARM CERTIFIED ZINFANDEL
 9X9 SPACING 538 VINES PER ACRE
 DRIP IRRIGATION
 DATE PRINTED: 03/21/83

UPDATED 03/21/83

VINEYARD ESTABLISHMENT COSTS
 YEAR 2 OF 3 AMADOR COUNTY 1983
 BY DEL FARNHAM AND KAREN KLONSKY

COSTS AND RETURNS WILL BE
 DIVIDED BY 1.0 ACRE
 TO OBTAIN PER ACRE 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, WINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00500	0.000	3.	47.	2.	0.	
OPERATING INPUTS	RATE/UNIT																		
														PRICE	SHARE	UNIT	ITEM	TYPE	HARV
															RENT	CODE	CODE		CODE
7 TRAIN SUCKER	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	352.	3.	0.	
8 TIES- 3 PER VINE	0.00	0.00	0.00	0.00538	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 PRUNING&TYING	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	340.	3.	0.	
10 GOPHER CTL	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.500	0.000	7.	276.	3.	0.	
11 HAND HOEING	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	335.	3.	0.	
12 CUST PEST & DIS	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	7.500	0.000	7.	368.	3.	0.	
13 MISC LABOR & MAT	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	20.000	0.000	7.	300.	3.	0.	
16 ROOTING, WINE	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.900	0.000	25.	147.	3.	0.	
17 PICKUP USE	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	0.260	0.000	18.	152.	3.	0.	
18 HERBICIDE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.770	0.000	7.	250.	3.	0.	

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												A CREW POWER MACH TYPE HARV					
													LABOR	UNIT	CODE	CODE		
26 DISC-OFFSET	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	4.	76.	4.	0.
27 SPRINGTOOTH	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	98.	4.	0.
30 WEED SPRAYER	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	88.	4.	0.
													SHARE	SHARE	POWER	SYST		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 MAIN IRRIG WATER	0.00	0.00	0.00	0.00	0.48	1.90	1.90	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.	56.	300.
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	1.00	4.00	4.00	1.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER			PROPORT			XXX EQUIP			TYPE XXXX			
	UNITS	OF	COST	OF	COST	OF	CODE	OF	COST	OF	CODE	OF	CODE
51 STORAGE SHED	1.000	0.625	0.	8.	5.	0.							
52 FUELTANK 550 GAL	1.000	0.625	0.	18.	5.	0.							
53 MISC EQUIPMENT	1.000	0.625	0.	55.	5.	0.							

LAND REQUIREMENTS	2	3	4	5	6	7	8
	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS		
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE	
71	1.	25.00	3000.00	30.00	0.0	0.00	

ENTERPRISE 2-47 REGION/COUNTY 3 UNASSIGNED 00000 MACH CORP 7 IRRIG SYST 5 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 10

25 ACRES OF 40 ACRE FARM CERTIFIED ZINFANDEL
 9X9 SPACING 538 VINES PER ACRE
 DRIP IRRIGATION

MACHINERY COMPLEMENT 7
 EQUIPMENT COMPLEMENT 1
 UPDATED 03/21/83

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
GENERAL NAME CHANGE-->352 TRAIN SUCKER	300 MISC LABOR & MAT	276 GOPHER CTL	368 CUST PEST & DIS	325 IRRIGATION RENTA
152 PICKUP USE	342 TIES- 3 PER VINE	340 PRUNING&TYING	42 STAKE	
MACHNRY NAME CHANGE--> 15 PICKUP, 4WD	88 WEED SPRAYER	87 DUSTER	21 IRRIG PUMP-10HP	
EQUIP NAME CHANGE--> 55 MISC EQUIPMENT				

PARAMETER CHGS-->	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE
MACH COMP CHGS-->	76.13.	3700.000000	98.2.	6.000000	21.16.	10.000000	54.3.	0.000000	54.13.	0.000000	4.13.	16000.000000
	4.	3.160000.000000	21.13.	2500.000000	21.3.	2500.000000	56.3.	22500.000000	56.13.	22500.000000	56.9.	3000.000000
	56.2.	1.000000	76.2.	7.500000	76.3.	3700.000000	98.13.	1500.000000	98.3.	1500.000000	87.13.	700.000000
	87.10.	10.000000	87.3.	700.000000	89.13.	1200.000000	89.10.	10.000000	89.3.	1200.000000	4.9.	225.000000
EQUIP COMP CHGS-->	55.6.	5000.000000	8.2.	2000.000000	8.6.	20000.000000	18.6.	1000.000000	18.5.	1000.000000	55.10.	0.000000
	55.7.	4.000000										
PARAMETER CHGS-->	10.	7.000000	11.	5.000000	12.	5.600000	18.	0.100000	21.	0.097500		

COST & RETURNS SUMMARY FOR GRAPES, WINE
 VINEYARD ESTABLISHMENT COSTS
 YEAR 3 OF 3 ANADOR COUNTY
 BY DEL FARNHAM & KAREN KLONSKY 1983

	UNIT	COST/UNIT	QUANTITY	COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
TOTAL RECEIPTS:				0.00	
2. VARIABLE COSTS:					
PREHARVEST:					
ROOTING, WINE	EACH	0.900	10.000	9.00	
PLANTING LABOR	HR	5.000	0.500	2.50	
TIES	EACH	0.020	528.000	10.56	
GOPHER CTL	ACRE	12.500	2.000	25.00	
HAND HOEING	HR	5.000	5.000	25.00	
NITROGEN	LBS.	0.350	20.000	7.00	
PRUNING & TYING	HR	5.000	8.000	40.00	
MISC LABOR & MAT	ACRE	22.000	1.000	22.00	
REPLACE STAKES	EACH	0.900	11.000	9.90	
HERBICIDE	ACRE	11.770	1.000	11.77	
PICKUP USE	MILE	0.260	480.000	124.80	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			17.55	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			7.05	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.20	
MACHINERY LABOR	HR	7.600	5.264	40.01	
INTEREST ON OPERATING CAP.	DGL.	0.14000	168.201	22.87	
TOTAL PREHARVEST COSTS:				375.21	
PREHARVEST COST PER ACRE				375.2125	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				375.21	
VARIABLE COST PER ACRE				375.2125	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				9.59	
REAL PROPERTY TAXES:				30.00	
TOTAL OVERHEAD:				39.59	
OVERHEAD COST PER ACRE				39.5938	
TOTAL CASH COSTS:				414.81	
TOTAL CASH COST PER ACRE				414.8063	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			23.46	
BUILDINGS	ACRE			42.67	
TOTAL DEPRECIATION:				66.35	
CAPITAL & INTEREST:					
MACHINERY/EQUIPMENT		0.14000	250.453	35.06	
BUILDINGS		0.09750	367.600	35.84	
LAND		0.09750	3000.000	292.50	
TOTAL INTEREST CHARGE:				363.40	
TOTAL FIXED COSTS:				429.75	
FIXED COST PER ACRE				429.7545	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				844.56	
				844.5608	

25 ACRES OF 40 ACRE FARM CERTIFIED ZINFANDEL
 9X9 SPACING 53 5538 VINES PER ACRE

DATE PRINTED: 03/21/83

HARVEST MONTH: 10

UPDATED 03/21/83
 BUDGET RECORD NUMBER 293

CASH FLOW & INVESTMENT SUMMARY FOR GRAPES, WINE
 VINEYARD ESTABLISHMENT COSTS
 YEAR 3 OF 3
 BY GEL FARNHAM & KAREN KLONSKY

BUDGET RECORD NUMBER 293

AMADOR COUNTY
 1983

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	0.00	0.00	0.00	0.00	0.00
OPERATING EXPENSES														
ROOTING, WINE	\$/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
PLANTING LABOR	\$/AC	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50
TIES	\$/AC	0.00	0.00	0.00	0.00	10.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.56
GOPHER CTL	\$/AC	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
NITROGEN	\$/AC	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
PRUNING & TYING	\$/AC	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
MISC LABOR & MAT	\$/AC	0.00	0.00	0.00	0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00
REPLACE STAKES	\$/AC	0.00	9.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90
HERBICIDE	\$/AC	0.00	0.00	0.00	11.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.77
PICKUP USE	\$/AC	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	124.80
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	14.78	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.01
INTEREST ON OPER. CAP.	\$/AC	1.08	7.19	0.83	3.14	4.85	2.56	0.35	0.23	0.11	0.00	1.33	1.20	22.87
TRACTOR COST	\$/AC	0.00	0.00	0.00	6.48	11.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.55
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	2.98	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.05
BLDG OPER. COST	\$/AC	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.20
TOTAL EXPENSES	\$/AC	11.49	86.01	11.24	49.57	91.19	59.98	10.76	10.65	10.53	10.42	11.74	11.62	375.21

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

MACHINE LABOR	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	1.94	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.26

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	FUEL	LUBE	REPAIRS	TOTAL		
TRACTOR 50 HP	4	50.0	16000.	15.	225.	18.27	28.46	7.66	54.39	11.03	1.65	4.87	17.55	4.786
DISC-OFFSET	76	7.5	3700.	15.	160.	3.72	4.73	1.39	9.84	0.00	0.11	5.61	5.72	2.667
VEED SPRAYER	88	15.0	2040.	15.	60.	0.56	0.71	0.21	1.48	0.00	0.00	0.12	0.12	0.274
SPRINGCOTH	98	6.0	1500.	15.	140.	0.91	1.16	0.34	2.41	0.00	0.02	1.18	1.21	1.410
STORAGE SHED	8		12500.	35.		12.41	27.58	5.00	44.99	0.00		0.09	0.09	
FUELTANK 550 GAL	18		625.	30.		0.33	1.95	0.25	2.53	0.00		0.00	0.00	
MISCL ORCH EQUIP	55		3125.	4.		30.15	6.31	1.25	37.71	0.00		0.11	0.11	

MACHINERY & EQUIPMENT	1580.					66.35	70.90	16.09	153.35	11.03	1.79	11.98	24.80	
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INVESTMENT & COSTS PER ACRE
 TOTAL INVESTMENT 39490.
 25 ACRES OF 40 ACRE FARM
 9X9 SPACING

CERTIFIED ZINFANDEL
 53 5538 VINES PER ACRE

UPDATED 03/21/83

DATE PRINTED: 03/21/83

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 293
 VINEYARD ESTABLISHMENT COSTS
 YEAR 3 OF 3 ARADOR COUNTY
 BY DEL FARNHAM & KAREN KLONSKY 1983

FUEL USED IN GALLONS PER HOUR,

TRACTOR 50 HP 2.400

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
DISC-OFFSET	1.760	TRACTOR 50 HP
SPRINGTOOTH	1.862	TRACTOR 50 HP
WEED SPRAYER	0.722	TRACTOR 50 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
DISC-OFFSET	0.000	0.000	0.000	3.520	3.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.040	DIESEL
SPRINGTOOTH	0.000	0.000	0.000	0.000	3.723	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.723	DIESEL
WEED SPRAYER	0.000	0.000	0.000	0.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.722	DIESEL
TOTALS	0.000	0.000	0.000	4.242	7.243	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.485	

GALLONS FUEL BY TYPE

0.00 GAS

0.00 LP

11.49 DIESEL

N. GAS

0.00 KWRS

25 ACRES OF 40 ACRE FARM
 9X9 SPACING

CERTIFIED ZINFANDEL
 53 5538 VINES PER ACRE

UPDATED 03/21/83

DATE PRINTED: 03/21/83

FUEL TYPES

1=GAS

2=L.P.

3=DIESEL

4=N. GAS

5=ELEC.

MACHINERY OPERATIONS SUMMARY
 VINEYARD ESTABLISHMENT COSTS
 YEAR 3 OF 3
 BY DEL FARNHAM & KAREN KLONSKY

BUDGET RECORD NUMBER 293

ARADOR COUNTY

1983

OPERATION	ITEM NO.	DATE	TIMES OVER HOUR	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	CGSTS PER ACRE
DISC-OFFSET	4, 76	APR	2.00	1.613	1.333	8.24	21.59
WEED SPRAYER	4, 68	APR	1.00	0.331	0.274	1.23	4.90
DISC-OFFSET	4, 76	MAY	2.00	1.613	1.333	8.24	21.59
SPRINGTOOTH	4, 98	MAY	2.00	1.206	1.410	6.90	20.04
TOTALS				5.264	4.351	24.60	68.12

25 ACRES OF 40 ACRE FARM
 9X9 SPACING

CERTIFIED ZINFANDEL
 53 5538 VINES PER ACRE

UPDATED 03/21/83

DATE PRINTED: 03/21/83

STORED DATA PAGE (NO CALCULATIONS) FOR GRAPES, WINE

BUDGET RECORD NUMBER 293

VINEYARD ESTABLISHMENT COSTS
YEAR 3 OF 3 AMADOR COUNTY
BY DEL FARNHAM & KAREN KLOMSKY 1983

COSTS AND RETURNS WILL BE
DIVIDED BY 1.0 ACRE
TO OBTAIN PER ACRE 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, WINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00500	0.000	3.	47.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE	CODE	
6 ROOTING, WINE	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.900	0.000	23.	147.	3.	0.
7 PLANTING LABOR	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	332.	3.	0.
8 TRAIN, SUCKER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	352.	3.	0.
9 TIES	0.00	0.00	0.00	0.00528	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.020	0.000	23.	342.	3.	0.
10 GOPHER CTL	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.500	0.000	7.	276.	3.	0.
11 HAND HOEING	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	335.	3.	0.
12 NITROGEN	0.00	20.00	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.
13 PRUNING & TYING	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	340.	3.	0.
14 MISC LABOR & MAT	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	22.000	0.000	7.	300.	3.	0.
16 REPLACE STAKES	0.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.900	0.000	23.	393.	3.	0.
17 HERBICIDE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.770	0.000	7.	250.	3.	0.
18 PICKUP USE	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	0.260	0.000	10.	152.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW POWER		TYPE	HARV		
													LABOR	UNIT	CODE	CODE		
26 DISC-OFFSET	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	4.	76.	4.	0.
27 SPRINGTOOTH	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	98.	4.	0.
30 WEED SPRAYER	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	88.	4.	0.

EQUIPMENT REQUIREMENTS	NUMBER		PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF CGST			CODE		
51 STORAGE SHED	1.000	0.625	0.	8.	5.	0.	
52 FUELTANK 550 GAL	1.000	0.625	0.	18.	5.	0.	
53 MISCL ORCH EQUIP	1.000	0.625	0.	55.	5.	0.	

LAND REQUIREMENTS	2	3	4	5	6	7	8
	CHANGE		NUMBER	VALUE OR	TAXES	PERENNIAL CROPS	
	METHOD		OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE
71	1.		25.00	3000.00	30.00	0.0	0.00
ENTERPRISE 2-47 REGION/COUNTY 3 UNASSIGNED 03000 RACH CORP 7 IRIG SYST 4 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 10							

25 ACRES OF 40 ACRE FARM 9X9 SPACING		CERTIFIED ZINFANDEL 538 VINES PER ACRE		UPDATED 03/21/83		MACHINERY COMPLEMENT 7 EQUIPMENT COMPLEMENT 1	
LINE CHANGE		LINE CHANGE		LINE CHANGE		LINE CHANGE	LINE CHANGE
GENERAL NAME CHANGE->352	TRAIN, SUCKER	276	GOPHER CTL	368	CUST PEST & DIS	300	MISC LABOR & MAT
342	TIES	340	PRUNING & TYING	42	STAKE	393	REPLACE STAKES
MACHINERY NAME CHANGE->15	PICKUP, 4WD	88	WEED SPRAYER	87	DUSTER		

RACH CORP CHGS-->	EW CL	VALUE	EW CL	VALUE	EW CL	VALUE	EW CL	VALUE	EW CL	VALUE	EW CL	VALUE
76.13.	3700.000000	98.2.	6.000000	21.16.	15.000000	85.2.	8.000000	4.13.16000.000000	4.3.16000.000000			
21.13.	2500.000000	21.3.	2500.000000	56.3.22500.000000	56.13.22500.000000	56.9.3000.000000	56.2.1.000000					
76.2.	7.500000	76.3.	3700.000000	98.13.1500.000000	98.3.1500.000000	87.13.700.000000	87.10.10.000000					
87.3.	700.000000	87.13.1200.000000	89.10.10.000000	89.3.1200.000000	4.9.225.000000							
EGDAT CORP CHGS-->	35.6.5000.000000	8.2.2000.000000	8.6.2000.000000	18.6.1000.000000	18.5.1000.000000	35.10.0.000000						
55.7.	4.000000											
PARAMETER CHGS-->	10.7.600000	11.5.000000	26.0.077500	12.5.000000								