

COST & RETURNS SUMMARY FOR GRAPES, WINE  
 SECTION COSTS - THOMPSON SEEDLESS GRAPES FOR RAISIN - 1980  
 LA COUNTY BY ED YEARY, FARM ADVISOR  
 YIELD: 2 TONS PER ACRE (DRY) LYNN HOREL, SRA

\*\*\* SCS BUDGET \*\*\*

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>GROSS RECEIPTS FROM PRODUCTION:</b>					
GRAPES, RAISIN	TON	840.000	2.000	1680.00	
TOTAL RECEIPTS:				1680.00	
<b>VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
IRRIG DIST WATER	ACIN	2.000	42.000	87.36	
PRUNING	VINE	0.200	519.000	103.80	
BRUSH REMOVAL	ACRE	6.000	1.000	6.00	
TYE OR PROP	ACRE	16.000	1.000	16.00	
NITROGEN	LBS.	0.350	50.000	17.50	
SULPHER	LBS.	0.140	50.000	7.00	
INSECTICIDE	ACRE	69.000	1.000	69.00	
HERBICIDE	ACRE	30.000	1.000	30.00	
MISCL EXPENSE	TON	19.000	1.000	19.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			27.67	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			28.85	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			3.83	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.235	42.000	9.86	
MACHINERY LABOR	HOUR	5.500	11.446	62.95	
IRRIGATION LABOR	HOUR	5.500	5.040	27.72	
INTEREST ON OPERATING CAP.	DOL.	0.07370	193.260	13.98	
TOTAL PREHARVEST COSTS:				530.53	
PREHARVEST COST PER TON				265.2653	
<b>HARVEST:</b>					
HAND HARVEST	TON	90.000	2.000	180.00	
BURN & ROLL	UNIT	13.500	4.050	54.68	
BOX & SHAKE	HOUR	5.050	10.000	50.50	
TRAYS	EACH	0.060	460.000	27.60	
CROP INSURANCE	TON	30.000	2.000	60.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			3.09	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.19	
MACHINERY LABOR	HOUR	5.500	0.854	4.70	
INTEREST ON OPERATING CAP.	DOL.	0.07370	53.205	3.92	
TOTAL HARVEST COSTS:				384.63	
HARVEST COST PER TON				192.3392	
TOTAL VARIABLE COSTS:				915.21	
VARIABLE COST PER TON				457.6045	
<b>INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER TON				764.79	
				382.3955	
<b>OVERHEAD:</b>					
PERSONAL PROPERTY TAXES:				17.42	
REAL PROPERTY TAXES:				65.00	
TOTAL OVERHEAD:				82.42	
OVERHEAD COST PER TON				41.2083	
<b>TOTAL CASH COSTS:</b>					
TOTAL CASH COST PER TON				997.63	
				498.8127	
<b>INCOME ABOVE ALL CASH COSTS:</b>					
INCOME PER TON				682.37	
				341.1873	
<b>OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			47.23	
IRRIGATION SYSTEM	ACRE			13.58	
BUILDINGS	ACRE			19.50	
TREES, VINES OR STAND	ACRE			133.23	
TOTAL DEPRECIATION:				214.04	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.07370	442.329	32.60	
IRRIGATION SYSTEM		0.07370	124.862	9.20	
BUILDINGS		0.07370	383.370	28.25	
TREES, VINES OR STAND		0.07370	4012.000	147.84	
LAND		0.07370	3500.000	257.95	
TOTAL INTEREST CHARGE:				475.85	
TOTAL FIXED COSTS:				689.89	
FIXED COST PER TON				344.9439	
<b>TOTAL OF ABOVE COSTS:</b>					
TOTAL COST PER TON				1687.51	
				843.7566	
<b>NET RETURNS:</b>					
NET RETURNS PER TON				-7.51	
				-3.7566	

ON 120 ACRE MATURE VINEYARD; MACH. CALC. BASED ON 80 ACRE FARM SIZE

ON IRRIG.: 3.5 ACFT DISTRICT WATER @ \$25/ACFT

ON OWNERSHIP BASIS 7 3/8% INTEREST

PRINTED: 02/19/81

HARVEST MONTH: 9

BUDGET RECORD NUMBER 94

Updated 2/19/81

no default data

CASH FLOW & INVESTMENT SUMMARY FOR GRAPES, WINE

BUDGET RECORD NUMBER 94

PRODUCTION COSTS - THOMPSON SEEDLESS GRAPES FOR RAISIN - 1960  
 MADERA COUNTY BY ED YEARY, FARM ADVISOR  
 YIELD: 2 TONS PER ACRE (DRY) LYNN HOREL, SRA

\*\*\* SCS BUDGET \*\*\*

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

CATEGORY	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>TOTAL RECEIPTS</b>	<b>\$/AC</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1680.00	0.00	0.00	0.00	1680.00
<b>OPERATING EXPENSES</b>														
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	12.48	12.48	24.96	24.96	12.48	0.00	0.00	0.00	0.00	87.36
PRUNING	\$/AC	0.00	103.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.80
BRUSH REMOVAL	\$/AC	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
TYE OR PROP	\$/AC	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00
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
SULPHUR	\$/AC	0.00	0.00	0.00	1.75	1.75	1.75	1.75	0.00	0.00	0.00	0.00	0.00	7.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	22.98	23.05	22.98	0.00	0.00	0.00	0.00	0.00	69.00
HERBICIDE	\$/AC	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
HARD HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.00	0.00	0.00	0.00	180.00
TURN & ROLL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.34	27.34	0.00	0.00	54.68
BOX & SHAKE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.25	25.25	0.00	0.00	50.50
TRAYS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00	0.00	27.60
CROP INSURANCE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	0.00	60.00
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.00	0.00	0.00	0.00	19.00
MACHINE LABOR COST	\$/AC	8.90	1.65	10.80	3.74	12.89	3.74	3.74	8.31	10.41	1.65	1.65	0.16	67.65
INTEREST ON OPER. CAP.	\$/AC	1.66	4.81	2.34	0.82	1.61	1.26	0.84	0.57	0.01	3.77	0.20	0.02	17.91
TRACTOR COST	\$/AC	5.24	0.00	5.49	1.25	6.75	1.25	1.25	3.99	5.53	0.00	0.00	0.00	30.77
EQUIPMENT COST	\$/AC	2.04	1.53	1.96	2.17	4.47	4.07	4.07	3.27	2.13	1.56	1.56	0.16	29.05
BLDG OPER. COST	\$/AC	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	3.83
IRRIGATION COST	\$/AC	0.00	0.00	0.00	1.41	1.41	2.82	2.82	1.41	0.00	0.00	0.00	0.00	9.86
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	3.96	3.96	7.92	7.92	3.96	0.00	0.00	0.00	0.00	27.72
<b>TOTAL EXPENSES</b>	<b>\$/AC</b>	<b>35.66</b>	<b>118.14</b>	<b>66.91</b>	<b>27.90</b>	<b>68.62</b>	<b>71.14</b>	<b>70.65</b>	<b>94.33</b>	<b>297.59</b>	<b>59.89</b>	<b>3.73</b>	<b>0.66</b>	<b>915.21</b>

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	1.62	0.30	1.96	0.68	2.34	0.68	0.68	1.51	1.89	0.30	0.30	0.03	12.30
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.72	0.72	1.44	1.44	0.72	0.00	0.00	0.00	0.00	5.04
IRRIG. WATER APPLIED	ACTIN	0.00	0.00	0.00	6.00	6.00	12.00	12.00	6.00	0.00	0.00	0.00	0.00	42.00

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 25 HP	2	25.0	7560.	15.	300.	0.60	0.49	0.25	1.33	0.79	0.12	0.24	1.16	0.440
TRACTOR 35 HP	3	35.0	9960.	15.	300.	13.59	11.14	5.70	30.43	19.21	2.88	5.58	27.67	7.624
TRACTOR 80 HP	5	80.0	20760.	15.	300.	1.25	1.02	0.52	2.80	1.24	0.19	0.51	1.94	0.336
PICKUP 1/2 TON	14	0.5	9000.	7.	435.	5.61	2.44	1.19	9.24	12.24	1.84	1.87	15.95	2.550
TRAILER	44	5.0	3420.	15.	200.	0.40	0.28	0.15	0.84	0.00	0.00	0.14	0.14	0.400
SURFACE IRR SYS*	53	2.0	45900.	10.	5000.	13.58	9.20	4.34	27.12	0.00	0.19	9.66	9.86	21.000
DISC-TANDEM	82	5.0	3240.	15.	120.	3.25	2.18	1.22	6.65	0.00	0.07	3.39	3.44	2.000
DRY FERT APPLIC.	85	10.0	960.	15.	60.	0.30	0.20	0.11	0.62	0.00	0.00	0.16	0.16	0.313
DUSTING RIG	87	10.0	3850.	15.	50.	5.88	3.89	2.18	11.94	0.00	0.05	2.36	2.41	1.257
SPD SPRYR 300 GA	90	15.0	14400.	15.	100.	7.96	5.33	2.97	16.26	0.00	0.11	5.61	5.73	0.917
SCRAPER	104	10.0	2640.	15.	25.	1.94	1.30	0.73	3.97	0.00	0.00	0.05	0.06	0.306
FLOAT	105	5.0	4440.	15.	30.	5.45	3.65	2.04	11.14	0.00	0.01	0.36	0.37	0.611
BRUSH RAKE	128	6.0	1200.	15.	200.	0.99	0.67	0.37	2.03	0.00	0.02	0.78	0.79	2.750
WASH SHOP	2		42120.	35.		9.03	14.23	3.51	26.76	3.51		0.15	3.66	
TOOLS-SHOP EQUIP	4		12285.	15.		4.78	4.90	1.02	10.71	0.00		0.14	0.14	
STORAGE SHED	8		26325.	35.		5.64	8.89	2.19	16.73	0.00		0.03	0.03	
FUELTANK 550 GAL	18		468.	30.		0.05	0.23	0.04	0.32	0.00		0.00	0.00	

MACHINERY & EQUIPMENT 1738.  
 INVESTMENT & COSTS PER ACRE 80.31 70.06 28.52 178.83 36.99 5.47 31.03 73.50  
 TOTAL INVESTMENT 208528.

BASED ON 120 ACRE MATURE VINEYARD; MACH. CALC. BASED ON 80 ACRE FARM SIZE  
 FURROW IRRIG.: 3.5 ACFT DISTRICT WATER @ \$23/ACFT  
 LAND OWNERSHIP BASIS 7 3/8% INTEREST  
 DATE PRINTED: 02/19/81

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 94  
 PRODUCTION COSTS - THOMPSON SEEDLESS GRAPES FOR RAISIN - 1980  
 MADERA COUNTY BY ED YEARY, FARM ADVISOR  
 YIELD: 2 TONS PER ACRE (DRY) LYNN HOREL, SRA

\*\*\* SCS BUDGET \*\*\*

FUEL USED IN GALLONS PER HOUR

TRACTOR 25 HP	1.500
TRACTOR 35 HP	2.100
TRACTOR 80 HP	3.840
PICKUP 1/2 TON	4.000

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.200	
DRY FERT APPLIC.	0.722	TRACTOR 35 HP
BRUSH RAKE	3.176	TRACTOR 35 HP
FLOAT	1.412	TRACTOR 35 HP
DUSTING RIG	0.726	TRACTOR 35 HP
SPD SPRYR 300 GA	0.000	TRACTOR 35 HP
DISC-TANDEM	2.310	TRACTOR 35 HP
SCRAPER	1.291	TRACTOR 80 HP
TRAILER	0.330	TRACTOR 25 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
DRY FERT APPLIC.	0.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.722	GAS
BRUSH RAKE	0.000	0.000	3.176	0.000	3.176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.353	GAS
FLOAT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.412	0.000	0.000	0.000	1.412	GAS
DUSTING RIG	0.000	0.000	0.000	0.726	0.726	0.726	0.726	0.000	0.000	0.000	0.000	0.000	2.904	GAS
SPD SPRYR 300 GA	0.000	0.000	0.000	0.000	0.706	0.706	0.706	0.000	0.000	0.000	0.000	0.000	2.118	GAS
DISC-TANDEM	2.310	0.000	0.000	0.000	0.000	0.000	0.000	2.310	0.000	0.000	0.000	0.000	4.620	GAS
SCRAPER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.291	0.000	0.000	0.000	1.291	DIESEL
TRAILER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.660	0.000	0.000	0.000	0.660	GAS
PICKUP 1/2 TON	0.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.100	10.200	GAS
TOTALS	3.132	1.000	4.176	1.726	5.608	2.432	2.432	3.310	4.362	1.000	1.000	0.100	30.278	

GALLONS FUEL BY TYPE

28.99 GAS  
 0.00 LP  
 1.29 DIESEL  
 0.00 N. GAS  
 0.00 KWRS

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

BASED ON 120 ACRE MATURE VINEYARD; MACH. CALC. BASED ON 80 ACRE FARM SIZE  
 FURROW IRRIG.: 3.5 ACFT DISTRICT WATER @ \$25/ACFT  
 LAND OWNERSHIP BASIS 7 3/8% INTEREST  
 DATE PRINTED: 02/19/81

*updated 2/19/81*

MACHINERY OPERATIONS SUMMARY

BUDGET RECORD NUMBER 94

PRODUCTION COSTS - THOMPSON SEEDLESS GRAPES FOR RAISIN - 1980

MADEIRA COUNTY

BY ED YEARY, FARM ADVISOR

YIELD: 2 TONS PER ACRE (DRY)

LYNN HOREL, SRA

\*\*\* SCS BUDGET \*\*\*

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	COSTS PER ACRE
PICKUP 1/2 TON		14 OCT	5.00	0.300	0.250	1.56	0.91
PICKUP 1/2 TON		14 NOV	5.00	0.300	0.250	1.56	0.91
PICKUP 1/2 TON		14 DEC	0.50	0.030	0.025	0.16	0.09
DRY FERT APPLIC.	3,	85 JAN	1.00	0.378	0.313	1.41	1.99
DISC-TANDEM	3,	82 JAN	1.00	1.210	1.000	5.72	7.72
PICKUP 1/2 TON		14 JAN	0.50	0.030	0.025	0.16	0.09
PICKUP 1/2 TON		14 FEB	5.00	0.300	0.250	1.56	0.91
BRUSH RAKE	3,128	MAR	1.00	1.664	1.375	5.89	7.05
PICKUP 1/2 TON		14 MAR	5.00	0.300	0.250	1.56	0.91
DUSTING RIG	3,	87 APR	1.00	0.380	0.314	1.86	4.36
PICKUP 1/2 TON		14 APR	5.00	0.300	0.250	1.56	0.91
BRUSH RAKE	3,128	MAY	1.00	1.664	1.375	5.89	7.05
DUSTING RIG	3,	87 MAY	1.00	0.380	0.314	1.86	4.36
SPD SPRYR 300 GA		90 MAY	1.00	0.000	0.306	1.91	5.42
PICKUP 1/2 TON		14 MAY	5.00	0.300	0.250	1.56	0.91
DUSTING RIG	3,	87 JUNE	1.00	0.380	0.314	1.86	4.36
SPD SPRYR 300 GA		90 JUNE	1.00	0.000	0.306	1.91	5.42
PICKUP 1/2 TON		14 JUNE	5.00	0.300	0.250	1.56	0.91
DUSTING RIG	3,	87 JULY	1.00	0.380	0.314	1.86	4.36
SPD SPRYR 300 GA		90 JULY	1.00	0.000	0.306	1.91	5.42
PICKUP 1/2 TON		14 JULY	5.00	0.300	0.250	1.56	0.91
DISC-TANDEM	3,	82 AUG	1.00	1.210	1.000	5.72	7.72
PICKUP 1/2 TON		14 AUG	5.00	0.300	0.250	1.56	0.91
FLOAT	3,105	SEPT	1.00	0.739	0.611	2.81	13.82
SCRAPER	5,104	SEPT	1.00	0.370	0.306	1.99	6.77
TRAILER	2,	44 SEPT	2.00	0.484	0.400	1.29	2.17
PICKUP 1/2 TON		14 SEPT	5.00	0.300	0.250	1.56	0.91

TOTALS 12.300 11.103 59.81 97.24

BASED ON 120 ACRE MATURE VINEYARD; MACH. CALC. BASED ON 80 ACRE FARM SIZE

FURROW IRRIG.: 3.5 ACFT DISTRICT WATER @ \$25/ACFT

LAND OWNERSHIP BASIS 7 3/8Z INTEREST

DATE PRINTED: 02/19/81

*Updated 2/19/81*

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 94  
 PRODUCTION COSTS - THOMPSON SEEDLESS GRAPES FOR RAISIN - 1980  
 MADERA COUNTY BY ED YEARY, FARM ADVISOR  
 YIELD: 2 TONS PER ACRE (DRY) LYNN HOREL, SRA

\*\*\* SCS BUDGET \*\*\*

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF GRAPES, RAISIN RANGES FROM 760.00 TO 920.00  
 AND THE QUANTITY OF GRAPES, RAISIN RANGES FROM 1.50 TO 2.50

QUANTITY OF GRAPES, RAI	PRICE OF GRAPES, RAISIN				
	760.00	800.00	840.00	880.00	920.00
1.50 *	224.79	284.79	344.79	404.79	464.79
* 1.75 *	414.79	484.79	554.79	624.79	694.79
* 2.00 *	604.79	684.79	764.79	844.79	924.79
* 2.25 *	794.79	884.79	974.79	1064.79	1154.79
* 2.50 *	984.79	1084.79	1184.79	1284.79	1384.79
* *					

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF GRAPES, RAISIN RANGES FROM 760.00 TO 920.00  
 AND THE QUANTITY OF GRAPES, RAISIN RANGES FROM 1.50 TO 2.50

QUANTITY OF GRAPES, RAI	PRICE OF GRAPES, RAISIN				
	760.00	800.00	840.00	880.00	920.00
1.50 *	142.37	202.37	262.37	322.37	382.37
* 1.75 *	332.37	402.37	472.37	542.37	612.37
* 2.00 *	522.37	602.37	682.37	762.37	842.37
* 2.25 *	712.37	802.37	892.37	982.37	1072.37
* 2.50 *	902.37	1002.37	1102.37	1202.37	1302.37
* *					

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF GRAPES, RAISIN RANGES FROM 760.00 TO 920.00  
 AND THE QUANTITY OF GRAPES, RAISIN RANGES FROM 1.50 TO 2.50

QUANTITY OF GRAPES, RAI	PRICE OF GRAPES, RAISIN				
	760.00	800.00	840.00	880.00	920.00
1.50 *	-547.51	-487.51	-427.51	-367.51	-307.51
* 1.75 *	-357.51	-287.51	-217.51	-147.51	-77.51
* 2.00 *	-167.51	-87.51	-7.51	72.49	152.49
* 2.25 *	22.49	112.49	202.49	292.49	382.49
* 2.50 *	212.49	312.49	412.49	512.49	612.49
* *					

BASED ON 120 ACRE MATURE VINEYARD; MACH. CALC. BASED ON 80 ACRE FARM SIZE  
 FURROW IRRIG.: 3.5 ACFT DISTRICT WATER @ \$25/ACFT  
 LAND OWNERSHIP BASIS 7 3/8% INTEREST  
 DATE PRINTED: 02/19/81

Updated by Cooperative Extension

STORDED DATA PAGE (NO CALCULATIONS) FOR GRAPES

BUDGET RECORD NUMBER 94

PRODUCTION COSTS - THOMPSON SEEDLESS GRAPES FOR RAISIN - 1980  
MADERA COUNTY BY ED YEARY, FARM ADVISOR  
YIELD: 2 TONS PER ACRE (DRY) LYNN HOREL, SRA

COSTS AND RETURNS WILL BE  
DIVIDED BY 2.0 TON  
TO OBTAIN PER TON COSTS

LINE	PER ACRE (DRY)												PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC						
OPERATING INPUTS																		
RATE/UNIT																		
6 IRRIG DIST WATER	0.00	0.00	0.00	6.00	6.00	12.00	12.00	6.00	0.00	0.00	0.00	0.00	2.00	0.000	11.	323.	3.	0.
12 PRUNING	0.60	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.000	25.	340.	3.	0.
13 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	6.00	0.000	7.	313.	3.	0.
14 TIE OR PROP	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.000	7.	342.	3.	0.
15 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	0.35	0.000	12.	211.	3.	0.
16 SULPHUR	0.00	0.00	0.00	12.50	12.50	12.50	12.50	0.00	0.00	0.00	0.00	0.00	0.14	0.000	12.	224.	3.	0.
17 INSECTICIDE	0.00	0.00	0.00	0.00	0.33	0.33	0.33	0.00	0.00	0.00	0.00	0.00	69.00	0.000	7.	240.	3.	0.
18 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	30.00	0.000	7.	250.	3.	0.
21 HAND HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	90.00	0.000	3.	347.	3.	9.
22 TURN & ROLL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	2.02	0.00	0.00	13.50	0.000	22.	343.	3.	9.
23 BOX & SHAKE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.00	0.00	0.00	5.05	0.000	8.	344.	3.	9.
24 TRAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.00	0.00	0.00	0.00	0.60	0.000	23.	386.	3.	9.
25 CROP INSURANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	30.00	0.000	3.	452.	3.	9.
26 MISCL EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	19.00	0.000	3.	400.	3.	0.

LINE	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M	CREW	POWER	MACH	TYPE	HARV
	LABOR	UNIT	CODE	LABOR	UNIT	CODE	LABOR	UNIT	CODE	LABOR	UNIT	CODE						
27 DRY FERT APPLIC.	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	3.	85.	4.	0.
28 WASH RAKE	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	3.	128.	4.	0.
29 MAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.000	3.	105.	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	0.00	0.000	3.	87.	4.	0.
31 SPD SPRYR 300 GA	0.00	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.	90.	4.	0.
33 DISC-TANDEM	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	3.	82.	4.	0.
41 SCRAPER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.000	5.	104.	4.	9.
42 TRAILER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.000	2.	44.	4.	9.
43 PICKUP 1/2 TON	0.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	0.50	0.00	0.000	0.	14.	4.	0.

LINE	EQUIPMENT REQUIREMENTS												NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF	COST	UNITS	OF	COST	UNITS	OF	COST	UNITS	OF	COST						
51 FARM SHOP	1.000	1.000	0.	2.	5.	0.												
52 TOOLS-SHOP EQUIP	1.000	1.000	0.	4.	5.	0.												
53 STORAGE SHED	1.000	1.000	0.	8.	3.	0.												
54 FUEL TANK 550 GAL	1.000	1.000	0.	18.	5.	0.												

BASED ON 120 ACRE MATURE VINEYARD; MACH. CALC. BASED ON 80 ACRE FARM SIZE  
 FURROW IRRIG.: 3.5 ACFT DISTRICT WATER @ \$25/ACFT  
 LAND OWNERSHIP BASIS 7 3/8Z INTEREST  
 updated 2/19/81  
 MACHINERY COMPLEMENT 7  
 EQUIPMENT COMPLEMENT 1

LINE CHANGE	VALUE	EW CL	LINE CHANGE	VALUE	EW CL	LINE CHANGE	VALUE	EW CL	LINE CHANGE	VALUE	EW CL	LINE CHANGE	VALUE	EW CL
MACHNRY MAKE CHANGE->87	4.500000	12.	DUSTING RIG	5.500000	10.		5.500000	18.		0.720000	6.		0.073700	26.
PARAMETER CHGS-->11.														

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1980 deFruit data