

COST & RETURNS SUMMARY FOR GRAPES, TABLE
 SAMPLE COSTS TO PRODUCE THOMPSON SEEDLESS GRAPES FOR TABLE USE GR-VS-80-7
 SOUTHERN SAN JOAQUIN VALLEY 1980
 BY ED YEARY & DON LUVISI, FARM ADVISOR & LYNN HOREL, SRA

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
GRAPES, TABLE	BOX	6.000	522.000	3132.00	
CULL GRAPES	TON	85.000	2.500	212.50	
TOTAL RECEIPTS:				3344.50	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	VINE	0.310	450.000	139.50	
BRUSH REMOVAL	ACRE	9.000	1.000	9.00	
TYE OR PROP	ACRE	25.000	1.000	25.00	
NITROGEN	LBS.	0.350	60.000	21.00	
GIRDLING	HOUR	4.500	14.000	63.00	
GIBBERELLIN SPRY	ACRE	136.000	1.000	136.00	
THINNING	HOUR	4.500	41.000	184.50	
PWDY MILDEW CTL	ACRE	8.000	1.000	8.00	
INSECTICIDE	ACRE	98.000	1.000	98.00	
MISCL SUPPLIES	ACRE	50.000	1.000	50.00	
HERBICIDE	ACRE	30.000	1.000	30.00	
IRRIG DIST WATER	ACIN	2.080	48.000	99.84	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			20.53	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			24.73	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			3.83	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.235	48.000	11.26	
MACHINERY LABOR	HOUR	5.500	9.820	54.01	
IRRIGATION LABOR	HOUR	5.500	6.000	33.00	
INTEREST ON OPERATING CAP.	DOL.	0.14000	378.780	51.11	
TOTAL PREHARVEST COSTS:				1062.31	
PREHARVEST COST PER BOX				2.0351	
HARVEST:					
HARVEST & HAUL	TON	65.250	8.500	554.63	
PACKING HSE COST	TON	191.400	6.000	1148.40	
TOTAL HARVEST COSTS:				1703.03	
HARVEST COST PER BOX				3.2625	
TOTAL VARIABLE COSTS:				2765.34	
VARIABLE COST PER BOX				5.2976	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER BOX				579.16	
1.1095					
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				9.40	
REAL PROPERTY TAXES:				65.00	
MISC. OFFICE & BOOKKEEPING (6.00% OF TOTAL VARIABLE COSTS)				165.92	
TOTAL OVERHEAD:				240.32	
OVERHEAD COST PER BOX				0.4604	
TOTAL CASH COSTS:					
TOTAL CASH COST PER BOX				3005.66	
5.7580					
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER BOX				338.84	
0.6491					
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			27.24	
IRRIGATION SYSTEM	ACRE			15.52	
BUILDINGS	ACRE			19.50	
TREES, VINES OR STAND	ACRE			156.52	
TOTAL DEPRECIATION:				218.82	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.14000	243.516	34.09	
IRRIGATION SYSTEM		0.14000	142.700	19.98	
BUILDINGS		0.10670	383.370	40.91	
TREES, VINES OR STAND		0.10670	4697.000	250.58	
LAND		0.10670	3500.000	373.45	
TOTAL INTEREST CHARGE:				719.01	
TOTAL FIXED COSTS:				937.83	
FIXED COST PER BOX				1.7966	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER BOX				3943.49	
7.5546					
8. NET RETURNS:					
NET RETURNS PER BOX				-598.99	
-1.1475					

Historical File - 1980 Budget

HOUSE PACKED FRUIT YIELD OF 522 23 LB BOXES PER ACRE
 COSTS BASED ON 120 ACRE VINEYARD - FLOOD IRRIGATION
 450 VINES PER ACRE
 DATE PRINTED: 10/02/81 HARVEST MONTH: 9

UPDATED 10/02/81
 BUDGET RECORD NUMBER 342

UC Cooperative Extension

CASH FLOW & INVESTMENT SUMMARY FOR GRAPES, TABLE
 SAMPLE COSTS TO PRODUCE THOMPSON SEEDLESS GRAPES FOR TABLE USE
 SOUTHERN SAN JOAQUIN VALLEY 1980
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BUDGET RECORD NUMBER 342

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	3344.50
OPERATING EXPENSES															
PRUNING	\$/AC	69.75	69.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.50
BRUSH REMOVAL	\$/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	0.00	9.00
TYE OR PROP	\$/AC	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
NITROGEN	\$/AC	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00
GIRDLING	\$/AC	0.00	0.00	0.00	0.00	63.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.00
GIBBERELLIN SPRY	\$/AC	0.00	0.00	0.00	0.00	0.00	136.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	136.00
THINNING	\$/AC	0.00	0.00	0.00	0.00	90.00	94.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	184.50
PWDRY MILDEW CTL	\$/AC	0.00	0.00	0.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	32.34	33.32	32.34	0.00	0.00	0.00	0.00	0.00	0.00	98.00
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	554.63	0.00	0.00	0.00	0.00	554.63
MISCL SUPPLIES	\$/AC	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	24.96	24.96	24.96	12.48	0.00	0.00	0.00	0.00	0.00	0.00	99.84
PACKING HSE COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1148.40	0.00	0.00	0.00	0.00	1148.40
MACHINE LABOR COST	\$/AC	1.65	4.91	12.98	5.94	6.00	10.78	1.65	1.65	1.65	1.65	1.65	1.65	3.50	54.01
INTEREST ON OPER. CAP.	\$/AC	6.70	8.66	3.28	5.57	10.48	11.72	1.25	0.05	0.01	0.42	0.38	2.60	0.00	51.11
TRACTOR COST	\$/AC	0.00	1.96	6.80	2.57	2.61	5.46	0.00	0.00	0.00	0.00	0.00	1.11	0.00	20.53
EQUIPMENT COST	\$/AC	1.59	1.90	3.20	2.19	2.19	3.20	1.59	1.59	1.59	1.59	1.59	2.51	0.00	24.73
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	0.32	3.83
IRRIGATION COST	\$/AC	0.00	0.00	0.00	2.82	2.82	2.82	1.41	0.00	0.00	0.00	0.00	1.41	0.00	11.26
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	8.25	8.25	8.25	4.13	0.00	0.00	0.00	0.00	4.13	0.00	33.00
TOTAL EXPENSES	\$/AC	80.01	117.50	51.58	104.61	244.97	363.35	57.15	3.61	1706.59	3.98	3.93	28.05	2765.34	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS													
MACHINE LABOR	HR/AC	0.30	0.89	2.36	1.08	1.09	1.96	0.30	0.30	0.30	0.30	0.64	9.82
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.50	1.50	1.50	0.75	0.00	0.00	0.00	0.75	6.00
IRRIG. WATER APPLIED	ACT/IN	0.00	0.00	0.00	12.00	12.00	12.00	6.00	0.00	0.00	0.00	6.00	48.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE														
MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	FIXED COST PER ACRE			TOTAL	VARIABLE COST PER ACRE			TOTAL	HRS PER ACRE
						DEPR.	INTER.	TAX & INS		FUEL	LUBE	REPAIRS		
TRACTOR 35 HP	3	35.0	9960.	15.	300.	10.08	15.70	4.22	30.00	14.25	2.14	4.14	20.53	5.655
PICKUP 3/4 TON	15	0.8	10200.	7.	435.	7.49	6.18	1.58	15.25	14.40	2.16	2.49	19.05	3.000
SURFACE IRR SYS*	53	2.0	45900.	10.	5000.	15.52	19.98	4.96	40.46	0.00	0.22	11.04	11.26	24.000
CHISEL	66	6.0	2160.	15.	65.	0.36	0.45	0.13	0.94	0.00	0.00	0.15	0.16	0.178
DISC-HYD OFFSET	79	9.0	7200.	15.	75.	1.61	2.05	0.60	4.25	0.00	0.02	0.91	0.92	0.278
DRY FERT APPLIC.	85	10.0	960.	15.	60.	0.30	0.38	0.11	0.80	0.00	0.00	0.16	0.16	0.313
DUSTING RIG	87	10.0	3850.	15.	50.	5.88	7.38	2.18	15.44	0.00	0.05	2.36	2.41	1.257
SPRINGTOOTH	98	4.0	1680.	15.	140.	1.53	1.95	0.57	4.05	0.00	0.04	1.99	2.03	2.115
FARM SHOP	2		42120.	35.		9.03	20.60	3.51	33.13	3.51		0.15	3.66	
TOOLS-SHOP EQUIP	4		12285.	15.		4.78	7.10	1.02	12.90	0.00		0.14	0.14	
STORAGE SHED	8		26325.	35.		5.64	12.87	2.19	20.71	0.00		0.03	0.03	
FUELTANK 550 GAL	18		468.	30.		0.05	0.33	0.04	0.42	0.00		0.00	0.00	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			1359.			62.26	94.98	21.13	178.36	32.16	4.63	23.56	60.35	
TOTAL INVESTMENT			163108.											

HOUSE PACKED FRUIT YIELD OF 522 23 LB BOXES PER ACRE
 COSTS BASED ON 120 ACRE VINEYARD - FLOOD IRRIGATION
 450 VINES PER ACRE
 DATE PRINTED: 10/02/81

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FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 342
 SAMPLE COSTS TO PRODUCE THOMPSON SEEDLESS GRAPES FOR TABLE USE
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FUEL USED IN GALLONS PER HOUR

TRACTOR 35 HP 2.100
 PICKUP 3/4 TON 4.000

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 3/4 TON	0.200	
SPRINGTOOTH	2.443	TRACTOR 35 HP
DISC-HYD OFFSET	1.283	TRACTOR 35 HP
CHISEL	1.246	TRACTOR 35 HP
DUSTING RIG	0.726	TRACTOR 35 HP
DRY FERT APPLIC.	0.722	TRACTOR 35 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
TRACTOR 35 HP	0.000	0.000	0.693	0.693	0.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.100	GAS
SPRINGTOOTH	0.000	0.000	2.443	0.000	0.000	2.443	0.000	0.000	0.000	0.000	0.000	0.000	4.887	GAS
DISC-HYD OFFSET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.642	0.642	GAS
CHISEL	0.000	0.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.411	GAS
DUSTING RIG	0.000	0.000	0.726	0.726	0.726	0.726	0.000	0.000	0.000	0.000	0.000	0.000	2.904	GAS
PICKUP 3/4 TON	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	12.000	GAS
DRY FERT APPLIC.	0.000	0.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.722	GAS
TOTALS	1.000	2.133	4.862	2.419	2.440	4.169	1.000	1.000	1.000	1.000	1.000	1.642	23.665	

GALLONS FUEL BY TYPE

23.67 GAS
 0.00 LP
 0.00 DIESEL
 0.00 N. GAS
 0.00 KWRS

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

HOUSE PACKED FRUIT YIELD OF 522 23 LB BOXES PER ACRE
 COSTS BASED ON 120 ACRE VINEYARD - FLOOD IRRIGATION
 VINES PER ACRE
 DATE PRINTED: 10/02/81

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MACHINERY OPERATIONS SUMMARY

BUDGET RECORD NUMBER 342

SAMPLE COSTS TO PRODUCE THOMPSON SEEDLESS GRAPES FOR TABLE USE

SOUTHERN SAN JOAQUIN VALLEY 1980

BY ED YEARY & DON LUVISI, FARM ADVISOR & LYNN HOREL, SRA

OPERATION	ITEM NO.	DATE	TIRES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 3/4 TON		15 OCT	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 NOV	5.00	0.300	0.250	1.59	1.27
DISC-HYD OFFSET	3,	79 DEC	0.50	0.336	0.278	2.03	5.87
PICKUP 3/4 TON		15 DEC	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 JAN	5.00	0.300	0.250	1.59	1.27
CHISEL	3,	66 FEB	0.33	0.215	0.178	0.87	1.98
PICKUP 3/4 TON		15 FEB	5.00	0.300	0.250	1.59	1.27
DRY FERT APPLIC.	3,	85 FEB	1.00	0.378	0.313	1.41	2.62
TRACTOR 35 HP		3 MAR	0.33	0.396	0.330	1.20	1.75
SPRINGTOOTH	3,	98 MAR	1.00	1.280	1.058	5.24	8.20
DUSTING RIG	3,	87 MAR	1.00	0.380	0.314	1.86	5.69
PICKUP 3/4 TON		15 MAR	5.00	0.300	0.250	1.59	1.27
TRACTOR 35 HP		3 APR	0.33	0.396	0.330	1.20	1.75
DUSTING RIG	3,	87 APR	1.00	0.380	0.314	1.86	5.69
PICKUP 3/4 TON		15 APR	5.00	0.300	0.250	1.59	1.27
TRACTOR 35 HP		3 MAY	0.34	0.408	0.340	1.23	1.80
DUSTING RIG	3,	87 MAY	1.00	0.380	0.314	1.86	5.69
PICKUP 3/4 TON		15 MAY	5.00	0.300	0.250	1.59	1.27
SPRINGTOOTH	3,	98 JUNE	1.00	1.280	1.058	5.24	8.20
DUSTING RIG	3,	87 JUNE	1.00	0.380	0.314	1.86	5.69
PICKUP 3/4 TON		15 JUNE	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 JULY	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 AUG	5.00	0.300	0.250	1.59	1.27
PICKUP 3/4 TON		15 SEPT	5.00	0.300	0.250	1.59	1.27

TOTALS 9.810 8.141 44.90 70.20

HOUSE PACKED FRUIT YIELD OF 522 23 LB BOXES PER ACRE

COSTS BASED ON 120 ACRE VINEYARD - FLOOD IRRIGATION

450 VINES PER ACRE

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STORED DATA PAGE (NO CALCULATIONS) FOR GRAPES, TABLE

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SOUTHERN SAN JOAQUIN VALLEY 1980
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COSTS AND RETURNS WILL BE
DIVIDED BY 522.0 BOX
TO OBTAIN PER BOX 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 RENT	UNIT CODE	ITEM CODE	TYPE	XXXX
1 GRAPES, TABLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00522	2.00	0.00	0.00	0.00	6.000	0.000	26.	46.	2.	0.
2 CULL GRAPES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	85.000	0.000	3.	379.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
7 PRUNING	225.00	225.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.310	0.000	25.	340.	3.	0.
8 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	9.000	0.000	7.	313.	3.	0.
9 YIE 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	25.000	0.000	7.	342.	3.	0.
10 NITROGEN	0.00	60.00	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.
11 GIRDLING	0.00	0.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	8.	341.	3.	0.
12 GIBBERELLIN SPRY	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	136.000	0.000	7.	360.	3.	0.
13 THINNING	0.00	0.00	0.00	0.00	20.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	8.	339.	3.	0.
14 PWDY WILDEW CTL	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00	0.00	8.000	0.000	7.	239.	3.	0.
15 INSECTICIDE	0.00	0.00	0.00	0.00	0.33	0.34	0.33	0.00	0.00	0.00	0.00	0.00	98.000	0.000	7.	240.	3.	0.
16 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.00	0.00	0.00	65.250	0.000	3.	318.	3.	9.
17 MISCL SUPPLIES	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.000	0.000	7.	423.	3.	0.
18 HERBICIDE	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	30.000	0.000	7.	250.	3.	0.
19 IRRIG DIST WATER	0.00	0.00	0.00	12.00	12.00	12.00	6.00	0.00	0.00	0.00	0.00	0.00	2.080	0.000	11.	323.	3.	0.
20 PACKING HSE COST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	191.400	0.000	3.	319.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 TRACTOR 35 HP	0.00	0.00	0.33	0.33	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	3.	4.	0.
27 SPRINGTOOTH	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.	98.	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	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	87.	4.	0.
31 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.
FERT APPLIC.	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	85.	4.	0.
49 ACIN IRRIG WATER	0.00	0.00	0.00	12.00	12.00	12.00	6.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.	53.	0.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	1.00						

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX	EQUIP CODE	TYPE	XXXX
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.	5.	0.
54 FUELTANK 550 GAL	1.000	1.000	0.	18.	5.	0.

LAND REQUIREMENTS	2 CHARGE METHOD	3	4 NUMBER OF ACRES	5 VALUE OR COST/ACRE	6 TAXES PER ACRE	7 PERENNIAL CROPS YRS LIFE	8 COST/ACRE
71 ENTERPRISE 2-46 REGION/COUNTY 64	1.		120.00	3500.00	65.00	30.0	4697.00

HOUSE PACKED FRUIT YIELD OF 522 23 LB BOXES PER ACRE
COSTS BASED ON 120 ACRE VINEYARD - FLOOD IRRIGATION
450 VINES PER ACRE

UPDATED 10/02/81 MACHINERY COMPLEMENT 7
EQUIPMENT COMPLEMENT 1

LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE	MACHNRY NAME CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
360	GIBBERELLIN SPRY	379	CULL GRAPES	319	PACKING HSE COST		
90	SULPHUR DUST RIG						
RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
90.2.	15.000000	90.3.	4000.000000	90.13.	4000.000000		
12.	5.500000	10.	5.500000	11.	4.500000	18.	0.750000
						28.	0.060000

Sample costs to produce Thompson seedless grapes for table use
Southern San Joaquin Valley 1980

Additional Notes and Assumptions:

1. 87 boxes/ton (23 lbs/box)
6 ton yield = 522 boxes
Yield ranges from 300 to 600 boxes
2. Harvest and haul to packing house:
6 ton yield + 2.5 ton cull grapes = 8.5 ton total
Cost is \$.75/box or \$65.25/ton
3. Packing house costs include cost of boxes and packing:
\$2.20/box or \$191.40/ton
4. There is a tendency to pick more culls if go through house pack operation.