

COST & RETURNS ON PLUMS
 SAMPLE COSTS TO PRODUCE 3000 POUNDS PLUMS
 TULARE COUNTY 1960
 YIELD: 400 CARTONS/AC (SALEABLE) 27 LB. CARTON

BY JIM LARUE
 BOB BEEDE
 FRANK YOSHIKAWA

4-787

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
PLUMS	CTNS	4.750	400.000	1900.00	
TOTAL RECEIPTS:				1900.00	
2. VARIABLE COSTS:					
PREHARVEST:					
TREE TOPPING CTR	ACRE	25.000	1.000	25.00	
PRUNING	TREE	2.500	108.000	270.00	
BRUSH REMOVAL	ACRE	10.000	1.000	10.00	
NITROGEN	LBS.	0.310	100.000	31.00	
DORMANT SPRAY	ACRE	41.650	1.000	41.65	
MITICIDE	ACRE	23.250	1.000	23.25	
THINNING	TREE	2.750	108.000	297.00	
WEED CONTROL	ACRE	27.000	1.000	27.00	
SEASONAL LABOR	HOUR	5.650	4.000	22.60	
IRRIG DIST WATER	ACIN	1.250	21.000	26.25	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			25.60	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			244.93	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			11.39	
IRRIGATION (POWER-LUBE-REP)	ACIN	1.432	21.000	30.07	
MACHINERY LABOR	HOUR	5.650	24.096	136.14	
IRRIGATION LABOR	HOUR	4.900	7.980	39.10	
INTEREST ON OPERATING CAP.	DOL.	0.07370	491.141	35.68	
TOTAL PREHARVEST COSTS:				1296.66	
PREHARVEST COST PER CTNS				3.2417	
HARVEST:					
HARD HARVEST	CTNS	1.000	400.000	400.00	
CUSTOM HAULING	CTNS	0.100	400.000	40.00	
SEASONAL LABOR	HOUR	5.650	2.000	11.30	
TOTAL HARVEST COSTS:				451.30	
HARVEST COST PER CTNS				1.1282	
TOTAL VARIABLE COSTS:				1747.96	
VARIABLE COST PER CTNS				4.3699	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CTNS				152.04	
				0.3801	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				18.97	
REAL PROPERTY TAXES:				60.00	
TOTAL OVERHEAD:				78.97	
OVERHEAD COST PER CTNS				0.1974	
TOTAL CASH COSTS:				1826.94	
TOTAL CASH COST PER CTNS				4.5673	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CTNS				73.06	
				0.1827	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			64.79	
IRRIGATION SYSTEM	ACRE			7.30	
BUILDINGS	ACRE			41.41	
TREES, VINES OR STAND	ACRE			183.33	
TOTAL DEPRECIATION:				296.83	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.07370	504.123	37.15	
IRRIGATION SYSTEM		0.07370	69.949	5.16	
BUILDINGS		0.07370	778.781	57.40	
TREES, VINES OR STAND		0.07370	5500.000	202.68	
LAND		0.07370	5500.000	405.35	
TOTAL INTEREST CHARGE:				707.73	
TOTAL FIXED COSTS:				1004.56	
FIXED COST PER CTNS				2.5114	
TOTAL OF ABOVE COSTS:				2831.50	
TOTAL COST PER CTNS				7.0787	
8. NET RETURNS:					
NET RETURNS PER CTNS				-931.50	
				-2.3287	

BASED ON 10 ACRES OF 40 ACRE ORCHARD, MACHINERY USEAGE BASED ON 80 ACRES
 FURROW IRRIGATEION, ASSUMING 50% PUMPED WATER AND 50% DISTRICT WATER
 LAND OWNERSHIP BASIS
 DATE PRINTED: 03/06/61

UC Cooperative Extension

HARVEST MONTH: 6

Updated 1/12/81
 BUDGET RECORD NUMBER 337

*** SCS BUDGET ***

BUDGET RECORD NUMBER 337

CASH FLOW & INVESTMENT SUMMARY FOR PLUMS

SAMPLE COSTS TO PRODUCE SANTA ROSA PLUMS

BY JIM LARUE

TULARE COUNTY 1980

BOB BEEDE

YIELD: 400 CARTONS/AC (SALEABLE) 27 LB. CARTON

FRANK YOSHIKAWA

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	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	1900.00
OPERATING EXPENSES														
TREE TOPPING CTR	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	25.00
PRUNING	\$/AC	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
BRUSH REMOVAL	\$/AC	10.00	0.00	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	0.00	0.00	0.00	0.00	0.00	31.00	0.00	0.00	0.00	31.00
DORMANT SPRAY	\$/AC	41.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.65
MITICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	23.25	0.00	0.00	0.00	0.00	0.00	23.25
THINNING	\$/AC	0.00	0.00	0.00	0.00	297.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	297.00
HAND HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
SEASONAL LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	11.30	0.00	0.00	0.00	0.00	0.00	0.00	11.30
WEED CONTROL	\$/AC	0.00	0.00	0.00	0.00	0.00	3.38	0.00	3.38	0.00	0.00	0.00	20.25	27.00
SEASONAL LABOR	\$/AC	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.30	0.00	0.00	0.00	22.60
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	0.00	3.75	7.50	3.75	7.50	3.75	0.00	0.00	0.00	26.25
MACHINE LABOR COST	\$/AC	10.33	8.48	13.30	8.48	17.57	8.48	19.44	8.48	11.89	12.75	8.48	8.48	136.14
INTEREST ON OPER. CAP.	\$/AC	11.05	0.74	0.72	0.39	2.16	0.03	5.65	3.63	6.34	1.80	1.21	1.76	35.68
TRACTOR COST	\$/AC	1.39	0.00	3.58	0.00	6.76	0.00	8.13	0.00	2.54	3.18	0.00	0.00	25.60
EQUIPMENT COST	\$/AC	20.68	19.99	20.26	19.99	21.20	19.99	21.89	19.99	19.99	20.94	19.99	19.99	244.93
BLDG OPER. COST	\$/AC	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	11.39
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	4.30	8.59	4.30	8.59	4.30	0.00	0.00	0.00	30.07
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	5.59	11.17	5.59	11.17	5.59	0.00	0.00	0.00	39.10
TOTAL EXPENSES	\$/AC	377.37	30.16	38.81	29.80	359.27	511.39	93.16	63.69	122.65	39.61	30.63	51.43	1747.96

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	1.83	1.50	2.35	1.50	3.11	1.50	3.44	1.50	2.11	2.26	1.50	1.50	24.10
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	1.14	2.28	1.14	2.28	1.14	0.00	0.00	0.00	7.98
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	3.00	6.00	3.00	6.00	3.00	0.00	0.00	0.00	21.00

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 \$IMS	TOTAL	FUEL	LUBE	REPAIRS		TOTAL
TRACTOR 65HP	4	65.0	16000.	15.	300.	15.87	13.01	6.65	35.53	16.60	2.49	6.52	25.60	5.541
PICKUP 1/2 TON	14	0.5	10000.	7.	435.	36.69	15.95	7.76	60.40	198.00	29.70	12.22	239.92	15.000
IRR PUMP 30 HP*	21	1.0	8450.	25.	6400.	0.51	0.55	0.31	1.37	23.66	0.35	1.12	25.14	10.500
SURFACE IRR SYS*	53	2.0	45900.	10.	5000.	6.79	4.60	2.17	13.56	0.00	0.10	4.83	4.93	10.500
DISC-OFFSET	78	8.0	3000.	15.	100.	3.39	2.27	1.27	6.93	0.00	0.06	2.78	2.83	1.875
WD SPRYR 500 GAL	89	15.0	12500.	15.	50.	8.25	5.53	3.08	16.85	0.00	0.03	1.35	1.38	0.547
FURROW-TOOL BAR	102	6.5	650.	15.	140.	0.59	0.40	0.22	1.21	0.00	0.02	0.78	0.80	2.115
FARM SHOP	2		10530.	35.		27.08	42.68	10.53	80.29	10.53		0.45	10.98	
TOOLS-SHOP EQUIP	4		3071.	15.		14.33	14.71	3.07	32.12	0.00		0.41	0.41	

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE
 TOTAL INVESTMENT 110101.

BASED ON 10 ACRES OF 40 ACRE ORCHARD, MACHINERY USEAGE BASED ON 80 ACRES
 FURROW IRRIGATION, ASSURING 50Z PUMPED WATER AND 50Z DISTRICT WATER
 LAND OWNERSHIP BASIS

DATE PRINTED: 03/06/81

Updated 1/12/81

FUEL USE BUDGET FOR BUDGET RECORD NUMBER 337
 SAMPLE COSTS TO PRODUCE SANTA ROSA PLUMS
 TULARE COUNTY 1980
 YIELD: 400 CARTONS/AC (SALEABLE) 27 LB. CARTON

*** SCS BUDGET ***
 BY JIM LARUE
 BOB BEEDE
 FRANK YOSHIKAWA

FUEL USED IN GALLONS PER HOUR

TRACTOR 65HP 3.120
 PICKUP 1/2 TON 4.000
 IRR PUMP 30 HP* 52.513 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.200	
FURROW-TOOL BAR	2.420	TRACTOR 65HP
DISC-OFFSET	2.145	TRACTOR 65HP
WD SPRYR 500 GAL	0.939	TRACTOR 65HP
SURFACE IRR SYS*	551.385 (KWHRS)	IRR PUMP 30 HP*

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
FURROW-TOOL BAR	0.000	0.000	2.420	0.000	2.420	0.000	2.420	0.000	0.000	0.000	0.000	0.000	7.260	DIESEL
DISC-OFFSET	0.000	0.000	0.000	0.000	2.145	0.000	2.145	0.000	0.000	2.145	0.000	0.000	6.435	DIESEL
WD SPRYR 500 GAL	0.939	0.000	0.000	0.000	0.000	0.000	0.939	0.000	0.000	0.000	0.000	0.000	1.878	DIESEL
PICKUP 1/2 TON	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	60.000	GAS
TRACTOR 65HP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.560	0.000	0.000	0.000	1.560	DIESEL
SURFACE IRR SYS*	0.000	0.000	0.000	0.000	78.769	157.538	78.769	157.538	78.769	0.000	0.000	0.000	551.385	KWH
TOTALS	5.939	5.000	7.420	5.000	88.334	162.538	89.273	162.538	85.329	7.145	5.000	5.000	77.133	

GALLONS FUEL BY TYPE

60.00 GAS
 0.00 LP
 17.13 DIESEL
 0.00 N. GAS
 551.38 KWHRS

FUEL TYPES

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

BASED ON 10 ACRES OF 40 ACRE ORCHARD, MACHINERY USAGE BASED ON 80 ACRES
 FURROW IRRIGATION, ASSUMING 50% PUMPED WATER AND 50% DISTRICT WATER
 LAND OWNERSHIP BASIS

Updated 1/12/81

DATE PRINTED: 03/06/81

MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 337
 SAMPLE COSTS TO PRODUCE SANTA ROSA PLUMS BY JIM LARUE
 TULARE COUNTY 1980 BOB BEEDE
 YIELD: 400 CARTONS/AC (SALEABLE) 27 LB. CARTON FRANK YOSHIKAWA

OPERATION	ITEM NO.	DATE	TIRES OVER	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, LUB. PER ACRE	FIXED REP. COSTS PER ACRE
FURROW-TOOL BAR	4,102	JULY	1.00	0.853	0.705	3.85	5.38
DISC-OFFSET	4, 78	JULY	1.00	0.756	0.625	4.12	6.72
WD SPRYR 500 GAL	4, 89	JULY	1.00	0.331	0.274	2.08	10.35
PICKUP 1/2 TON	14	JULY	25.00	1.500	1.250	19.99	5.03
PICKUP 1/2 TON	14	AUG	25.00	1.500	1.250	19.99	5.03
PICKUP 1/2 TON	14	SEPT	25.00	1.500	1.250	19.99	5.03
TRACTOR 65HP	4	SEPT	0.50	0.600	0.500	2.31	3.21
DISC-OFFSET	4, 78	OCT	1.00	0.756	0.625	4.12	6.72
PICKUP 1/2 TON	14	OCT	25.00	1.500	1.250	19.99	5.03
PICKUP 1/2 TON	14	NOV	25.00	1.500	1.250	19.99	5.03
PICKUP 1/2 TON	14	DEC	25.00	1.500	1.250	19.99	5.03
WD SPRYR 500 GAL	4, 89	JAN	1.00	0.331	0.274	2.08	10.35
PICKUP 1/2 TON	14	JAN	25.00	1.500	1.250	19.99	5.03
PICKUP 1/2 TON	14	FEB	25.00	1.500	1.250	19.99	5.03
FURROW-TOOL BAR	4,102	MAR	1.00	0.853	0.705	3.85	5.38
PICKUP 1/2 TON	14	MAR	25.00	1.500	1.250	19.99	5.03
PICKUP 1/2 TON	14	APR	25.00	1.500	1.250	19.99	5.03
FURROW-TOOL BAR	4,102	MAY	1.00	0.853	0.705	3.85	5.38
DISC-OFFSET	4, 78	MAY	1.00	0.756	0.625	4.12	6.72
PICKUP 1/2 TON	14	MAY	25.00	1.500	1.250	19.99	5.03
PICKUP 1/2 TON	14	JUNE	25.00	1.500	1.250	19.99	5.03
TOTALS				24.091	20.038	****	120.59

BASED ON 10 ACRES OF 40 ACRE ORCHARD, MACHINERY USAGE BASED ON 80 ACRES
 FURROW IRRIGATION, ASSUMING 50% PUMPED WATER AND 50% DISTRICT WATER
 LAND OWNERSHIP BASIS

Updated 1/12/81

DATE PRINTED: 03/06/81

STOKED DATA PAGE (NO CALCULATIONS) FOR PLUMS

BUDGET RECORD NUMBER 337

SAMPLE COSTS TO PRODUCE SANTA ROSA PLUMS
TULARE COUNTY 1980
YIELD: 400 CARTONS/AC (SALEABLE) 27 LB. CARTON

BY JIM LARUE
BOB BEEDE
FRANK YOSHIKAWA

COSTS AND RETURNS WILL BE
DIVIDED BY 400.0 CTNS
TO OBTAIN PER CTNS 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																			
1 PLUMS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.750	0.000	28.	59.	2.	0.	
	NUMBER OF UNITS																		
OPERATING INPUTS																			
													PRICE	SHARE	UNIT	ITEM	TYPE	HARV	
													RENT	RENT	CODE	CODE	CODE	CODE	
6 TREE TOPPING CTR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	25.000	0.000	7.	299.	3.	0.	
7 PRUNING	108.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.500	0.000	24.	340.	3.	0.	
8 BRUSH REMOVAL	1.00	0.00	0.00	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.	
9 NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.310	0.000	12.	211.	3.	0.	
10 DORMANT SPRAY	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.650	0.000	7.	274.	3.	0.	
11 MITTICIDE	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	23.250	0.000	7.	247.	3.	0.	
12 THINNING	0.00	0.00	0.00	0.00	108.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.750	0.000	24.	339.	3.	0.	
13 HAND HARVEST	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	1.000	0.000	28.	347.	3.	9.	
14 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.100	0.000	28.	306.	3.	9.	
15 SEASONAL LABOR	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	5.650	0.000	8.	330.	3.	9.	
16 WEED CONTROL	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.75	27.000	0.000	7.	250.	3.	0.
17 SEASONAL LABOR	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	5.650	0.000	8.	330.	3.	0.	
18 IRRIG DIST WATER	0.00	0.00	0.00	0.00	3.00	6.00	3.00	6.00	3.00	0.00	0.00	0.00	1.250	0.000	11.	323.	3.	0.	

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW			POWER	MACH	TYPE	HARV
														LABOR	UNIT	CODE	TYPE	CODE	
28 FURROW-TOOL BAR	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	102.	4.	0.	
29 DISC-OFFSET	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.000	0.000	4.	78.	4.	0.	
30 WD SPRYR 500 GAL	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	89.	4.	0.	
31 PICKUP 1/2 TON	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	0.000	0.000	0.	14.	4.	0.	
32 TRACTOR 65HP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.000	0.000	0.	4.	4.	0.	
													SHARE	SHARE	POWER	SYSA			
													FIXED %	VAR %	UNIT	CODE	LIFT		
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	3.00	6.00	3.00	6.00	3.00	0.00	0.00	0.00	0.00	0.00	21.	53.	200.		
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	1.00	2.00	1.00	2.00	1.00	0.00	0.00	0.00							

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.250	0.	2.	5.	0.
52 TOOLS-SHOP EQUIP	1.000	0.250	0.	4.	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.	10.00	5500.00	60.00	30.0	5500.00	
ENTERPRISE 2-59 REGION/COUNTY 15 UNASSIGNED 00000 MACH COMP 7 IRRIG SYST 6 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 6							

BASED ON 10 ACRES OF 40 ACRE ORCHARD, MACHINERY USEAGE BASED ON 80 ACRES
 FURROW IRRIGATEION, ASSUMING 50Z PUMPED WATER AND 50Z DISTRICT WATER
 LAND OWNERSHIP BASIS
 updated 1/2/81
 MACHINERY COMPLEMENT 7
 EQUIPMENT COMPLEMENT 1

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE								
GENERAL NAME CHANGE-->299 TREE TOPPING CTR 250 WEED CONTROL												
MACHNRY NAME CHANGE-->102 FURROW-TOOL BAR 4 TRACTOR 65HP												
	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
MACH COMP CHGS-->	4. 2.	65.000000	4. 3.	16000.000000	4. 13.	16000.000000	4. 16.	65.000000	*** 3.	650.000000	*** 13.	650.000000
	78. 2.	8.000000	78. 3.	3000.000000	78. 13.	3000.000000	89. 3.	12500.000000	89. 13.	12500.000000	14. 3.	10000.000000
	14. 13.	10000.000000										
PARAMETER CHGS-->	1.	3.300000	6.	0.073700	10.	5.650000	11.	4.900000	12.	4.900000	18.	1.140000
	26.	0.073700										

DATE PRINTED: 03/06/81 1980 default data

Additional Notes for Santa Rosa Plums

Tulare County, 1980

1. Yield of 400 cartons of saleable fruit, with approximately 25% of total crop discarded as culls. Santa Rosa plums are considered to be an early season widely planted variety with picking performed last two weeks in June.
2. Typical orchard unit is 10 acres of plums on a total fruit orchard of 40 acres. At present, the BG program does not contain machinery complements for 40 acre orchards - so the complement for 80 acre orchard was used.
3. Tree topping, pruning, thinning and brush shredding, are all performed on contract basis.
4. Fertilizing is performed in September, applying 100 lbs. of N at a price of 31¢ per pound which included loan of applicator.
5. Spraying is performed twice. First in January: dormant spray at cost of \$41.65 for materials to control San Jose scale, peach twig borer, mealy plum aphid and zinc deficiency.
Second spray is in July: spider mite control at cost of \$23.25 for materials. Most producers own their own spray rig.
6. Furrowing and discing are performed three times - in March, May and July for furrowing and in May, July and October for discing.
7. Irrigations are performed May through September at rate of six inches per application of seven times. Due to the wide variation in water useage, the assumption was used that half of the water is ditch (district) water and half is pumped from wells through the furrow system. Cost of \$15/acre foot for district taxes was assumed.

8. Weed control costs total \$27 per acre and are largely incurred in December as pre-emergence herbicide such as devrinol, sinbar, paraquat or surflan. In June and August spot controlling is performed with contact herbicides.
9. Harvesting costs are comprised of picking, hauling and miscellaneous labor costs. Picking costs per box are slightly inflated to account for lost revenue in picking culls.
10. All costs are included to packing house door - excluding packing, cooling and selling charges. As a result, the price of \$4.75/carton is assumed to be a net price to grower after such packing costs are subtracted.