

Plan #78

COST & RETURNS SUMMARY FOR PLUMS
 CASH COSTS TO PRODUCE LARGO PLUMS
 TULARE COUNTY 1980
 YIELD: 700 CARTONS/AC (SALEABLE) 27 LB. CARTON

BY JIM LARUE
 208 SEEDS
 FRANK YOSHIKAWA

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. CASH RECEIPTS FROM PRODUCTION:					
PLUMS	CTNS	3.750	700.000	2625.00	
TOTAL RECEIPTS:				2625.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	TREE	3.500	108.000	378.00	
BRUSH REMOVAL	ACRE	10.000	1.000	10.00	
NITROGEN	LBS.	0.310	150.000	46.50	
DORMANT SPRAY	ACRE	41.650	1.000	41.65	
MITICIDE	ACRE	23.250	1.000	23.25	
THINNING	TREE	5.000	108.000	540.00	
BEE RENTAL	HIVE	22.500	2.000	45.00	
WEED CONTROL	ACRE	27.000	1.000	27.00	
SEASONAL LABOR	HOUR	5.650	4.000	22.60	
IRRIG DIST WATER	ACIN	1.250	24.000	30.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			25.60	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			100.03	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			11.39	
IRRIGATION (POWER-LUBE-REP)	ACIN	0.808	24.000	19.40	
MACHINERY LABOR	HOUR	5.650	24.096	136.14	
IRRIGATION LABOR	HOUR	4.900	9.000	44.10	
INTEREST ON OPERATING CAP.	DOL.	0.07370	539.834	39.12	
TOTAL PREHARVEST COSTS:				1539.79	
PREHARVEST COST PER CTNS				2.1997	
HARVEST:					
HAND HARVEST	CTNS	1.000	700.000	700.00	
CUSTOM HAULING	CTNS	0.100	700.000	70.00	
SEASONAL LABOR	HOUR	5.650	2.000	11.30	
TOTAL HARVEST COSTS:				781.30	
HARVEST COST PER CTNS				1.1161	
TOTAL VARIABLE COSTS:				2321.09	
TOTAL VARIABLE COST PER CTNS				3.3158	
3. INCOME ABOVE VARIABLE COSTS:					
				303.91	
INCOME PER CTNS				0.4342	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				18.97	
REAL PROPERTY TAXES:				126.44	
TOTAL OVERHEAD:				145.41	
OVERHEAD COST PER CTNS				0.2077	
TOTAL CASH COSTS:				2466.50	
TOTAL CASH COST PER CTNS				3.5236	
5. INCOME ABOVE ALL CASH COSTS:					
				158.50	
INCOME PER CTNS				0.2264	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			64.79	
IRRIGATION SYSTEM	ACRE			8.34	
BUILDINGS	ACRE			41.41	
TREES, VINES OR STAND	ACRE			183.33	
TOTAL DEPRECIATION:				297.87	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.07370	504.123	37.15	
IRRIGATION SYSTEM		0.07370	79.942	5.89	
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:				708.47	
TOTAL FIXED COSTS:				1006.34	
FIXED COST PER CTNS				1.4376	
7. TOTAL OF ABOVE COSTS:					
				3472.84	
TOTAL COST PER CTNS				4.9612	
8. NET RETURNS:					
				-847.84	
NET RETURNS PER CTNS				-1.2112	

BASED ON 10 ACRES OF 40 ACRE ORCHARD, MACHINERY USEAGE BASED ON 80 ACRES UC Cooperative Extension
 FURROW IRRIGATION, ASSUMING 50% PUMPED WATER AND 50% DISTRICT WATER
 LAND OWNERSHIP BASIS
 DATE PRINTED: 01/12/81 HARVEST MONTH: 7 BUDGET RECORD NUMBER 78
updated 1/12/81

*** SCS BUDGET ***

BUDGET RECORD NUMBER 78

CASH FLOW & INVESTMENT SUMMARY FOR PLUMS

SAMPLE COSTS TO PRODUCE LARODA PLUMS BY JIM LARUE
 TULARE COUNTY 1980 BOB BEEDE
 YIELD: 700 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	0.00	0.00	2625.00	0.00	0.00	0.00	0.00	2625.00
OPERATING EXPENSES														
PRUNING	\$/AC	189.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189.00	378.00
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	15.50	0.00	0.00	0.00	31.00	0.00	0.00	0.00	46.50
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	540.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	540.00
BEE RENTAL	\$/AC	0.00	22.50	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00
WEED CONTROL	\$/AC	0.00	0.00	0.00	0.00	0.00	3.38	0.00	3.38	20.25	0.00	0.00	0.00	27.00
SEASONAL LABOR	\$/AC	11.30	0.00	0.00	0.00	0.00	0.00	11.30	0.00	0.00	0.00	0.00	0.00	22.60
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	0.00	3.75	7.50	7.50	7.50	3.75	0.00	0.00	0.00	30.00
HAND HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	700.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00	0.00	70.00
SEASONAL LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	11.30	0.00	0.00	0.00	0.00	0.00	11.30
MACHINE LABOR COST	\$/AC	10.35	8.48	13.30	8.48	18.73	8.48	19.44	8.48	10.73	12.75	8.48	8.48	136.14
INTEREST ON OPER. CAP.	\$/AC	9.92	1.23	1.19	0.34	7.23	0.29	0.03	2.93	5.10	1.37	0.80	8.70	39.12
TRACTOR COST	\$/AC	1.39	0.00	3.58	0.00	7.62	0.00	8.15	0.00	1.68	3.18	0.00	0.00	25.60
EQUIPMENT COST	\$/AC	8.61	7.92	8.18	7.92	9.13	7.92	9.82	7.92	8.86	7.92	7.92	7.92	100.03
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	2.43	4.85	4.85	4.85	2.43	0.00	0.00	0.00	19.40
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	5.51	11.03	11.03	11.03	5.51	0.00	0.00	0.00	44.10
TOTAL EXPENSES	\$/AC	283.16	41.07	49.71	17.68	610.84	44.38	877.61	47.02	89.31	27.10	18.14	215.04	2321.09

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	1.83	1.50	2.35	1.50	3.32	1.50	3.44	1.50	1.90	2.26	1.50	1.50	24.10
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	1.13	2.25	2.25	2.25	1.13	0.00	0.00	0.00	9.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	3.00	6.00	6.00	6.00	3.00	0.00	0.00	0.00	24.00

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	
					HOURS USED	DEPR.	INTER.	TAX \$INS	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	72.00	10.80	12.22	95.02	15.000
IRR PUMP 3D HP*	21	1.0	8450.	25.	6400.	0.58	0.63	0.36	1.57	12.30	0.18	1.28	13.77	12.000
SURFACE IRR SYS*	53	2.0	45900.	10.	5000.	7.76	5.26	2.48	15.50	0.00	0.11	5.52	5.63	12.000
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	11010.	114.54	100.44	35.41	250.39	111.43	13.68	31.31	156.42
INVESTMENT & COSTS PER ACRE									
TOTAL INVESTMENT	110101.								

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

Updated UG Cooperative Extension
 1/12/78

RANDING ANALYSIS FOR BUDGET ALLOC. NUMBER 78
 SAMPLE COSTS TO PRODUCE LARODA PLUMS BY JIM LARUE
 TULARE COUNTY 1980 BOB BEEDE
 YIELD: 700 CARTONS/AC (SALEABLE) 27 LB. CARTON FRANK YOSHIKAWA

*** SCS BUDGET ***

INCOME ABOVE VARIABLE COSTS
 WHEN THE PRICE OF PLUMS
 AND THE QUANTITY OF PLUMS

QUANTITY OF PLUMS	PRICE OF PLUMS				
	3.37	3.56	3.75	3.94	4.13
560.00	* -433.89	* -327.49	* -221.09	* -114.69	* -8.29
630.00	* -197.99	* -78.29	* 41.41	* 161.11	* 280.81
700.00	* 37.91	* 170.91	* 303.91	* 436.91	* 569.91
770.00	* 273.81	* 420.11	* 566.41	* 712.71	* 859.01
840.00	* 509.71	* 669.31	* 828.91	* 988.51	* 1148.11

INCOME ABOVE ALL CASH COSTS
 WHEN THE PRICE OF PLUMS
 AND THE QUANTITY OF PLUMS

QUANTITY OF PLUMS	PRICE OF PLUMS				
	3.37	3.56	3.75	3.94	4.13
560.00	* -579.30	* -472.90	* -366.50	* -260.10	* -153.70
630.00	* -343.40	* -223.70	* -104.00	* 15.70	* 135.40
700.00	* -107.50	* 25.50	* 158.50	* 291.50	* 424.50
770.00	* 128.40	* 274.70	* 421.00	* 567.30	* 713.60
840.00	* 364.30	* 523.90	* 683.50	* 843.10	* 1002.70

INCOME ABOVE ALL COSTS
 WHEN THE PRICE OF PLUMS
 AND THE QUANTITY OF PLUMS

QUANTITY OF PLUMS	PRICE OF PLUMS				
	3.37	3.56	3.75	3.94	4.13
560.00	* -1585.64	* -1479.24	* -1372.84	* -1266.44	* -1160.04
630.00	* -1349.74	* -1230.04	* -1110.34	* -990.64	* -870.94
700.00	* -1113.84	* -980.84	* -847.84	* -714.84	* -581.84
770.00	* -877.94	* -731.64	* -585.34	* -439.04	* -292.74
840.00	* -642.04	* -482.44	* -322.84	* -163.24	* -3.64

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

Updated 1/12/81

UC Cooperative Extension

STORED DATA PAGE (NO CALCULATIONS) FOR PLUMS

BUDGET RECORD NUMBER 78

SAMPLE COSTS TO PRODUCE LARODA PLUMS BY JIM LARUE
 TULARE COUNTY 1980 BOB BEEDE
 YIELD: 700 CARTONS/AC (SALEABLE) 27 LB. CARTON FRANK YOSHIKAWA

COSTS AND RETURNS WILL BE DIVIDED BY 700.0 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
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
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	3.750	0.000	28.	59.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	CODE	CODE	CODE	CODE	
6 PRUNING	54.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.00	3.500	0.000	24.	340.	3.	0.
7 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.
8 NITROGEN	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.310	0.000	12.	211.	3.	0.
9 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.
10 MITICIDE	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.
11 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	5.000	0.000	24.	339.	3.	0.
12 BEE RENTAL	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.500	0.000	36.	350.	3.	0.
13 WEED CONTROL	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.13	0.75	0.00	0.00	0.00	27.000	0.000	7.	250.	3.	0.
14 SEASONAL LABOR	2.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	5.650	0.000	8.	330.	3.	0.
15 IRRIG DIST WATER	0.00	0.00	0.00	0.00	3.00	6.00	6.00	6.00	3.00	0.00	0.00	0.00	1.250	0.000	11.	323.	3.	0.
16 HAND HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	1.000	0.000	28.	347.	3.	9.
17 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.100	0.000	28.	306.	3.	9.
18 SEASONAL LABOR	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	5.650	0.000	8.	330.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE	CODE	CODE	
26 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.
27 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.
28 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.
29 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.
30 TRACTOR 65HP	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.000	0.000	0.	4.	4.	0.
													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 IRRIG WATER	0.00	0.00	0.00	0.00	3.00	6.00	6.00	6.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	21.	53.	0.
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER												PROPORT	XXX	EQUIP	TYPE	XXXX		
	UNITS												OF COST	CODE	CODE	CODE			
51 FARM SHOP	1.000												0.250	0.	2.	5.	0.		
52 TOOLS-SHOP EQUIP	1.000												0.250	0.	4.	5.	0.		
COLUMNS --->	2	3	4	5	6	7	8												
LAND REQUIREMENTS	CHARGE	NUMBER		VALUE OR	TAXES	PERENNIAL CROPS													
	METHOD	OF ACRES		COST/ACRE	PER ACRE	YRS	LIFE	COST/ACRE											
71	1.	10.00		5500.00	0.00	30.0	5500.00												
ENTERPRISE 2-59 REGION/COUNTY 54 UNASSIGNED 00000 MACH COMP 7 IRRIG SYST 6 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 7																			

BASED ON 10 ACRES OF 40 ACRE ORCHARD, MACHINERY USEAGE BASED ON 80 ACRES
 FURROW IRRIGATION, ASSUMING 50% PUMPED WATER AND 50% DISTRICT WATER
 LAND OWNERSHIP BASIS
 Updated 1/12/81
 MACHINERY COMPLEMENT 7
 EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE->	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
350 BEE RENTAL	250 WEED CONTROL	4 TRACTOR 65HP			
MACHNRY NAME CHANGE->102 FURROW-TOOL BAR					
RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
4. 2.	65.000000	4. 3.16000	0.000000	4.13.16000	0.000000
78. 2.	8.000000	78. 3.	3000.000000	78.13.	3000.000000
14.13.10000	0.000000			89. 3.12500	0.000000
PARAMETER CHGS-> 6.	0.073700	26.	0.073700	10.	5.650000
				11.	4.900000
				12.	4.900000
				18.	1.125000

MACHINERY OPERATIONS SUMMARY
 SAMPLE COSTS TO PRODUCE LARODA PLUMS
 TULARE COUNTY 1980
 YIELD: 700 CARTONS/AC (SALEABLE) 27 LB. CARTON

BUDGET RECORD NUMBER 78
 BY JIM LARUE
 BOB BEEDE
 FRANK YOSHIKAWA

*** SCS BUDGET ***

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON		14 AUG	25.00	1.500	1.250	7.92	5.03
PICKUP 1/2 TON		14 SEPT	25.00	1.500	1.250	7.92	5.03
TRACTOR 65HP		4 SEPT	0.33	0.396	0.330	1.52	2.12
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	7.92	5.03
PICKUP 1/2 TON		14 NOV	25.00	1.500	1.250	7.92	5.03
PICKUP 1/2 TON		14 DEC	25.00	1.500	1.250	7.92	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	7.92	5.03
PICKUP 1/2 TON		14 FEB	25.00	1.500	1.250	7.92	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	7.92	5.03
PICKUP 1/2 TON		14 APR	25.00	1.500	1.250	7.92	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	7.92	5.03
TRACTOR 65HP		4 MAY	0.17	0.204	0.170	0.79	1.09
PICKUP 1/2 TON		14 JUNE	25.00	1.500	1.250	7.92	5.03
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	7.92	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

*** SCS BUDGET ***
 FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 78
 SAMPLE COSTS TO PRODUCE LARODA PLUMS BY JIM LARUE
 TULARE COUNTY 1980 BOB BEEDE
 YIELD: 700 CARTONS/AC (SALEABLE) 27 LB. CARTON FRANK YOSHIKAWA

FUEL USED IN GALLONS PER HOUR

TRACTOR 65HP	3.120
PICKUP 1/2 TON	4.000
IRR PUMP 30 HP*	0.000 (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*	0.000 (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	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	60.000	GAS
TRACTOR 65HP	0.000	0.000	0.000	0.000	0.530	0.000	0.000	0.000	1.030	0.000	0.000	0.000	1.560	DIESEL
SURFACE IRR SYS*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	KWH
TOTALS	5.939	5.000	7.420	5.000	10.095	5.000	10.504	5.000	6.030	7.145	5.000	5.000	77.133	

GAL FUEL BY TYPE
 0.00 LP
 17.13 DIESEL
 0.00 N. GAS
 0.00 KWHRS

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

UC Cooperative Extension

Updated 1/12/81

Additional Notes for Laroda PlumsTulare County 1980

1. Yield of 700 cartons per acre of saleable fruit with approximately 10% of total crop discarded as culls. Laroda plums are considered a mid-season variety with picking performed last two weeks in July.
2. Orchard unit is same as Santa Rosa's.
3. Pruning, brush shredding and thinning are on contract basis at higher rate than Santa Rosa's due to size and density of trees.
4. Fertilizing is performed two times: 100 lbs of N in September; 50 lbs of N in May at cost of 31¢ per lb which includes loan of applicator.
5. Spraying is same as Santa Rosa's.
6. Furrowing and discing are performed three times: furrowing in March, May, August and discing: May, August, October.
7. Irrigations are performed May through September at rate of six inches per application for eight times. Same assumptions for water useage as in Santa Rosa study was used.
8. Weed Control costs same as Santa Rosa's.
9. Bee Rental: at \$22.50 per hive with half of costs incurred in February-half in March.
10. Harvesting costs are same as Santa Rosa's as well as price assumptions.