

COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA

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1983

SAMPLE PRODUCTION COSTS
COSTS OF PRODUCING LARODA PLUMS (MID-SEASON)

Tulare, Fresno & Kings Counties

by

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and

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Costs given in this sample study are for those of a typical well managed orchard and are not intended to reflect an average of all orchards in Tulare, Fresno and Kings Counties.

This study is based upon a 10 acre block out of a 40 acre total fruit orchard. The same machinery, pump and some other costs are shared on the whole orchard.

Practices listed are based on those considered typical production procedures. Sample costs given for labor, materials, equipment and contract services are based on 1983 figures. Interest and depreciation are based upon the cost of new equipment and recent land purchases. Some costs or practices listed in this study may not be applicable to your situation. The study is intended as a guide only.

For explanation of calculations used for the study refer to the attached cost estimate assumptions or call Agriculture Economics Extension, University of California, Davis, California (916) 752-3563.

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UC Cooperative Extension

10 acres of a 40 acre orchard - 108 trees/acre
 Furrow Irrigation: 44 ac.in. total 50% district water, 50% well water
 Land owner basis Yield: 700 cartons/acre (27 lbs/carton)

Cost Estimate Assumptions:

1. Prune in January:

Labor - 42 min/tree x 108 trees/acre (\div 60 min/hr) = 75.6 hrs/acre
 75.6 hrs/acre @ \$5.25/hr = \$396.90/acre
 Brush shredding - contract \$10.00/acre

2. Pest control:

Jan: Basic zinc

3 lb/100 gal of water x 5 (for 500 gal/acre) @ .60/lb = \$ 9.00/acre

Spray oil

1 gal/100 gal of water x 5 (500 gal/acre) @ 3.50/lb = 17.50/acre

Parathion (25wp)

2 gal/100 gal of water x 5 (500 gal/acre) @ .25/lb = 12.50/acre
 \$39.00/acre

Dormant spray to control San Jose scale, peach twig borer,
 mealy plum apid and zinc deficiency.

Jul: Miticide 1 lb/acre @ \$20.00/lb

Total materials for 2 applications = \$59.00

Application - speed sprayer, 500 gal pulled by 65hp diesel tractor

- 1 passed in orchard each application

3. Furrow in March, May, July:

Furrower, 2 shovel pulled by 65hp diesel tractor - 1 pass in orchard each month

March prior to frost

May after thinning

July weed control

4. Thin fruit in May:

Labor - 108 hrs/acre @ \$5.25/hr = \$567.00/acre

5. Disc in May, July, October:

Offset disc pulled by 65hp diesel tractor - 1 pass in orchard each month

May before furrowing

July before furrowing

October before pruning

6. Fertilize in May and September:

Materials May: .5 lb N/tree x 108 trees/acre @ \$.34/lb = \$18.36/acre

Sept: 1 lb N/tree x 108 trees/acre @ \$.34/lb = 36.72/acre

Total materials \$55.08/acre

Application - contract \$3.50/acre x 2 applications = \$7.00/acre

7. Bee hive rental in February and March:

2 hives/acre @ \$22.50/hive = \$45.00/acre

Half of costs incurred in February and half in March

8. Weed control in May-September and December:

May-Sept: Labor (hoeing and touch up spraying) 1 hr/ac @ \$5.25/hr = \$5.25/acre

Materials - additional spray = 7.50/acre

December: Materials pre-emergence herbicide \$12.00/acre

Application - contract \$7.00/acre

17. Machinery costs calculated by computer:

For self-propelled machinery and implements, the width, speed, field efficiency and number of passes in the orchard are all used in determining the number of hours necessary to complete an operation. Tractor hours are then calculated by taking into consideration all implements pulled.

Per hour cost of depreciation, interest, taxes, insurance, repairs, fuel, and lube are calculated by the computer using purchase price, annual hours of usage, years of life, etc. and this rate is multiplied by the total hours of usage for each machine and equipment.

18. Establishment costs per acre:

25 year life of trees assumed.

Establishment costs were calculated in the four budgets for establishing a stone fruit orchard:

Establishment year 1	Budget Record #256	\$ 2370.77
year 2	#257	1374.60
year 3	#258	1526.02
year 4	#259	3019.51
- year 4 income		<u>-1850.00</u>
		\$ 6440.90

The establishment costs are divided by 25 years and the depreciation and interest costs are shown in each of the production years.

COST & RETURNS SUMMARY FOR PLUMS
 COSTS OF PRODUING LARGO PLUMS (MIDSEASON)
 TULARE, FRESNO AND KINGS COUNTIES
 BY S. LARUE, F. YOSHIKAWA, B. ZEEDE AND K. KLONSKY

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
PLUMS	CTNS	7.250	700.000	5075.00	
TOTAL RECEIPTS:				5075.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	HOOR	5.250	75.600	396.90	
BRUSH SHREDDING	ACRE	10.000	1.000	10.00	
PEST - DORMANT	ACRE	39.000	1.000	39.00	
BEE HIVE RENTAL	HIVE	22.500	2.000	45.00	
THINNING	HOOR	5.250	108.000	567.00	
DISTRICT WATER	ACRE	14.000	1.000	14.00	
WEED CONTROL	ACRE	12.500	1.000	12.50	
MITICIDE	ACRE	20.000	1.000	20.00	
NITROGEN	LBS.	0.340	162.000	55.08	
CONTRACT N APPL.	APLC	3.500	2.000	7.00	
PRE-EMERGE HERB	ACRE	12.000	1.000	12.00	
CONTR. HERB APPL	APLC	7.000	1.000	7.00	
MISC. LABOR	HOOR	5.250	4.000	21.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			21.90	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			101.52	
BUILDINGS	ACRE			5.10	
IRRIGATION (POWER-LUBE-REP)	ACIN	1.267	22.000	27.88	
MACHINERY LABOR	HOOR	5.900	22.903	135.13	
IRRIGATION LABOR	HOOR	5.900	9.000	53.10	
INTEREST ON OPERATING CAP.	DGL.	0.14000	543.486	73.64	
TOTAL PREHARVEST COSTS:				1624.76	
PREHARVEST COST PER CTNS				2.3211	
HARVEST:					
CONTRACT PICK	ACRE	588.000	1.000	588.00	
CONTRACT HAUL	CTNS	0.100	700.000	70.00	
PACKING CHARGES	CTNS	2.350	700.000	1645.00	
SELLING CHARGES	CTNS	0.725	700.000	507.50	
MISC HARV LABOR	HOOR	5.250	4.000	21.00	
TOTAL HARVEST COSTS:				2831.50	
HARVEST COST PER CTNS				4.0450	
TOTAL VARIABLE COSTS:				4456.26	
VARIABLE COST PER CTNS				6.3661	
3. INCOME ABOVE VARIABLE COSTS:					
				618.74	
INCOME PER CTNS				0.8837	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				17.87	
REAL PROPERTY TAXES:				55.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				111.41	
TOTAL OVERHEAD:				184.27	
OVERHEAD COST PER CTNS				0.2632	
TOTAL CASH COSTS:				4640.53	
TOTAL CASH COST PER CTNS				6.6293	
5. INCOME ABOVE ALL CASH COSTS:					
				434.47	
INCOME PER CTNS				0.6207	

4. OWNERSHIP COSTS:

DEPRECIATION:

MACHINERY & EQUIPMENT	ACRE		61.82
IRRIGATION SYSTEM	ACRE		5.43
BUILDINGS	ACRE		25.90
TREES, VINES OR STAND	ACRE		252.64

TOTAL DEPRECIATION: 350.78

CAPITAL & INTEREST:

MACHINERY&EQUIPMENT	0.14000	477.275	66.82
IRRIGATION SYSTEM	0.14000	35.479	7.77
BUILDINGS	0.10670	447.131	47.71
TREES, VINES OR STAND	0.10670	6440.960	343.62
LAND	0.10670	5500.000	586.85

TOTAL INTEREST CHARGE: 1052.77

TOTAL FIXED COSTS: 1403.55

FIXED COST PER CTNS 2.0031

7. TOTAL OF ABOVE COSTS:

6044.08

TOTAL COST PER CTNS 8.6344

8. NET RETURNS:

-969.08

NET RETURNS PER CTNS -1.3844

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 100 TREES/ACRE
 FURROW IRRIGATION: 44 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS YIELD: 700 CARTONS/ACRE (27 LBS/CARTON) UPDATED 02/28/83
 DATE PRINTED: 02/28/83 HARVEST MONTH: 7 BUDGET RECORD NUMBER 79

TULARE, FRESNO AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

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	5075.00	0.00	0.00	0.00	0.00	0.00	5075.00
OPERATING EXPENSES														
PRUNING	\$/AC	396.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	396.90
BRUSH SHEEDING	\$/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
REST - DORMANT	\$/AC	39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.00
BEE HIVE 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
THINNING	\$/AC	0.00	0.00	0.00	0.00	567.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	567.00
DISTRICT WATER	\$/AC	0.00	0.00	0.00	0.00	0.00	7.00	7.00	0.00	0.00	0.00	0.00	0.00	14.00
WEED CONTROL	\$/AC	0.00	0.00	0.00	0.00	2.50	2.50	2.50	2.50	2.50	0.00	0.00	0.00	12.50
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	20.00
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	18.36	0.00	0.00	0.00	36.72	0.00	0.00	0.00	55.08
CONTRACT N AFFL.	\$/AC	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	3.50	0.00	0.00	0.00	7.00
PRE-EMERGE HERB	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	12.00
CONTR. HERB AFFL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	7.00
MISC. LABOR	\$/AC	1.73	1.73	1.79	1.73	1.73	1.79	1.73	1.73	1.79	1.73	1.73	1.79	21.00
CONTRACT PICK	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	588.00	0.00	0.00	0.00	0.00	0.00	588.00
CONTRACT HAUL	\$/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
PACKING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	1645.00	0.00	0.00	0.00	0.00	0.00	1645.00
SELLING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	507.50	0.00	0.00	0.00	0.00	0.00	507.50
MISC HARV LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	21.00
MACHINE LABOR COST	\$/AC	10.49	8.85	12.94	8.85	17.40	8.85	19.04	8.85	8.85	13.31	8.85	8.85	135.13
INTEREST ON OPER. CAP.	\$/AC	31.77	2.35	2.20	1.02	14.10	0.47	0.02	5.82	8.35	2.86	1.67	2.98	73.64
TRACTOR COST	\$/AC	1.24	0.00	3.10	0.00	6.48	0.00	7.71	0.00	0.00	3.38	0.00	0.00	21.90
EQUIPMENT COST	\$/AC	9.05	7.92	8.07	7.92	9.33	7.92	10.46	7.92	7.92	9.18	7.92	7.92	101.32
BLDG OPER. COST	\$/AC	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	5.10
IRRIGATION COST	\$/AC	0.00	0.00	0.00	5.07	5.07	0.00	0.00	12.67	5.07	0.00	0.00	0.00	27.86
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	5.90	5.90	11.80	11.80	11.80	5.90	0.00	0.00	0.00	53.10
TOTAL EXPENSES	\$/AC	500.61	43.78	51.02	30.92	651.79	40.74	2912.20	51.72	81.02	30.88	20.62	40.96	4456.26

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	1.73	1.50	2.17	1.50	2.95	1.50	3.23	1.50	1.50	2.26	1.50	1.50	22.90
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	9.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	4.00	4.00	0.00	0.00	10.00	4.00	0.00	0.00	0.00	22.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	ANN FIXED COST PER ACRE			VARIABLE COST PER ACRE				HRS PER ACRE	
						DEPR.	INTER.	TAX	FUEL	LUBE	REPAIRS	TOTAL		
TRACTOR 65HP	4	65.0	20000.	15.	300.	15.95	24.85	6.69	47.49	13.35	2.00	6.55	21.90	4.457
PICKUP 1/2 TON	14	0.5	10000.	7.	435.	36.69	30.30	7.76	74.75	72.00	10.80	12.22	95.02	15.000
IRRIG PUMP 15HP	21	1.0	7900.	25.	6400.	0.99	2.06	0.61	3.67	22.13	0.33	2.20	24.67	22.000
FURROW IRRIG SYS*	53	1.0	14300.	10.	5000.	4.43	5.71	1.42	11.55	0.00	0.06	3.15	3.22	22.000
DISC-OFFSET	78	8.0	4000.	15.	100.	4.52	5.75	1.69	11.96	0.00	0.07	3.70	3.77	1.975
SPD SPRYR 500 GA	91	20.0	12500.	15.	80.	4.32	5.49	1.61	11.42	0.00	0.04	2.23	2.27	0.458
FURROWER 2SHOVEL	102	8.0	450.	15.	140.	0.33	0.42	0.12	0.88	0.60	0.01	0.44	0.45	1.719
FARA SHOP	1		4500.	35.		11.57	26.41	4.50	42.48	4.50		0.19	4.69	
TOOLS-SHOP EQUIP	4		3071.	15.		14.33	21.30	3.07	38.70	0.00		0.41	0.41	
MACHINERY & EQUIPMENT			7672.			93.15	122.27	27.47	242.91	111.98	13.33	31.10	156.41	
INVESTMENT & COSTS PER ACRE														
TOTAL INVESTMENT			76721.											

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 100 TREES/ACRE
 FURROW IRRIGATION: 44 AC. IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS YIELD: 700 CARTONS/ACRE (27 LBS/CARTON) UPDATED 02/28/83
 DATE PRINTED: 02/28/83

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 79
 COSTS OF PRODUCING LARGO PLUMS (MIDSEASON)
 TULARE, FRESNO AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF PLUMS RANGES FROM 6.25 TO 8.25
 AND THE QUANTITY OF PLUMS RANGES FROM 500.00 TO 900.00

QUANTITY OF PLUMS	PRICE OF PLUMS				
	6.25	6.75	7.25	7.75	8.25
500.00	-1331.26	-1081.26	-831.26	-581.26	-331.26
600.00	-706.26	-406.26	-106.26	193.74	493.74
700.00	-81.26	268.74	618.74	968.74	1318.74
800.00	543.74	943.74	1343.74	1743.74	2143.74
900.00	1168.74	1618.74	2068.74	2518.74	2968.74

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF PLUMS RANGES FROM 6.25 TO 8.25
 AND THE QUANTITY OF PLUMS RANGES FROM 500.00 TO 900.00

QUANTITY OF PLUMS	PRICE OF PLUMS				
	6.25	6.75	7.25	7.75	8.25
500.00	-1515.53	-1265.53	-1015.53	-765.53	-515.53
600.00	-890.53	-590.53	-290.53	9.47	309.47
700.00	-265.53	84.47	434.47	784.47	1134.47
800.00	359.47	759.47	1159.47	1559.47	1959.47
900.00	984.47	1434.47	1884.47	2334.47	2784.47

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF PLUMS RANGES FROM 6.25 TO 8.25
 AND THE QUANTITY OF PLUMS RANGES FROM 500.00 TO 900.00

QUANTITY OF PLUMS	PRICE OF PLUMS				
	6.25	6.75	7.25	7.75	8.25
500.00	-2919.08	-2669.08	-2419.08	-2169.08	-1919.08
600.00	-2294.08	-1994.08	-1694.08	-1394.08	-1094.08
700.00	-1669.08	-1319.08	-969.08	-619.08	-269.08
800.00	-1044.08	-644.08	-244.08	155.92	555.92
900.00	-419.08	30.92	480.92	930.92	1380.92

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
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FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 79
 COSTS OF PRODUCING LARODA PLUMS (MIDSEASON)
 TULARE, FRESNO AND KINGS COUNTIES
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FUEL USED IN GALLONS PER HOUR

TRACTOR 65HP	3.120
PICKUP 1/2 TON	4.000
IRRIG PUMP 15HP	9.190 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.200	
FURROWER 25H0VEL	1.966	TRACTOR 65HP
DISC-OFFSET	2.145	TRACTOR 65HP
SPD SPRYR 500 GA	0.787	TRACTOR 65HP
FURROW IRRIG SYS*	202.174 (KWHRS)	IRRIG PUMP 15HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
FURROWER 25H0VEL	0.000	0.000	1.966	0.000	1.966	0.000	1.966	0.000	0.000	0.000	0.000	0.000	5.899	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
SPD SPRYR 500 GA	0.787	0.000	0.000	0.000	0.000	0.000	0.787	0.000	0.000	0.000	0.000	0.000	1.573	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
FURROW IRRIG SYS*	0.000	0.000	0.000	36.759	36.759	0.000	0.000	91.897	36.759	0.000	0.000	0.000	202.174	KWH
TOTALS	5.787	5.000	6.966	41.759	45.870	5.000	9.898	96.897	41.759	7.145	5.000	5.000	73.907	

GALLONS FUEL BY TYPE

30.00 GAS
 0.00 LP
 13.91 DIESEL
 0.00 N. GAS
 202.17 KWHRS

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

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MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 79
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OPERATION	ITEM NO.	DATE	TIRES OVER	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	COSTS PER ACRE
PICKUP 1/2 TON	14	AUG	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	SEPT	25.00	1.500	1.250	7.92	6.23
DISC-OFFSET	4, 70	OCT	1.00	0.756	0.625	4.64	11.31
PICKUP 1/2 TON	14	OCT	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	NOV	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	DEC	25.00	1.500	1.250	7.92	6.23
SPD SPRYR 500 GA	4, 91	JAN	1.00	0.277	0.229	2.38	8.40
PICKUP 1/2 TON	14	JAN	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	FEB	25.00	1.500	1.250	7.92	6.23
FURROWER 25H0VEL	4, 102	MAR	1.00	0.693	0.573	3.25	7.01
PICKUP 1/2 TON	14	MAR	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	APR	25.00	1.500	1.250	7.92	6.23
FURROWER 25H0VEL	4, 102	MAY	1.00	0.693	0.573	3.25	7.01
DISC-OFFSET	4, 78	MAY	1.00	0.756	0.625	4.64	11.31
PICKUP 1/2 TON	14	MAY	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	JUNE	25.00	1.500	1.250	7.92	6.23
FURROWER 25H0VEL	4, 102	JULY	1.00	0.693	0.573	3.25	7.01
DISC-OFFSET	4, 78	JULY	1.00	0.756	0.625	4.64	11.31
SPD SPRYR 500 GA	4, 91	JULY	1.00	0.277	0.229	2.38	8.40
PICKUP 1/2 TON	14	JULY	25.00	1.500	1.250	7.92	6.23
TOTALS			22.903	19.052	146.50		

STORED DATA PAGE (NO CALCULATIONS) FOR PLUMS

BUDGET RECORD NUMBER

COSTS OF PRODUCING LARODA PLUMS(MIDSEASON)
TULARE, FRESNO AND KINGS COUNTIES
BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION	NUMBER OF UNITS																	
1 PLUMS	0.00	0.00	0.00	0.00	0.00	0.00700	0.00	0.00	0.00	0.00	0.00	0.00	7.250	0.000	28.	59.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 PRUNING	75.60	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	5.250	0.000	8.	340.	3.	0.
7 BRUSH SHREDDING	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 PEST - DORMANT	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.000	0.000	7.	274.	3.	0.
9 BEE HIVE 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.	299.	3.	0.
10 THINNING	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	8.	339.	3.	0.
11 DISTRICT WATER	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	14.000	0.000	7.	323.	3.	0.
12 WEED CONTROL	0.00	0.00	0.00	0.00	0.20	0.20	0.20	0.20	0.20	0.00	0.00	0.00	12.500	0.000	7.	250.	3.	0.
13 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	20.000	0.000	7.	247.	3.	0.
14 NITROGEN	0.00	0.00	0.00	0.00	54.00	0.00	0.00	0.00	108.00	0.00	0.00	0.00	0.340	0.000	12.	211.	3.	0.
15 CONTRACT N APPL.	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	3.500	0.000	34.	300.	3.	0.
18 PRE-EMERGE HERB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	12.000	0.000	7.	254.	3.	0.
19 CONTR. HERB APPL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	7.000	0.000	34.	361.	3.	0.
20 MISC. LABOR	0.33	0.33	0.34	0.33	0.33	0.34	0.33	0.33	0.34	0.33	0.33	0.34	5.250	0.000	8.	252.	3.	0.
21 CONTRACT PICK	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	568.000	0.000	7.	326.	3.	9.
22 CONTRACT HAUL	0.00	0.00	0.00	0.00	0.00	0.00700	0.00	0.00	0.00	0.00	0.00	0.00	0.160	0.000	28.	327.	3.	9.
23 PACKING CHARGES	0.00	0.00	0.00	0.00	0.00	0.00700	0.00	0.00	0.00	0.00	0.00	0.00	2.350	0.000	28.	150.	3.	9.
24 SELLING CHARGES	0.00	0.00	0.00	0.00	0.00	0.00700	0.00	0.00	0.00	0.00	0.00	0.00	0.725	0.000	28.	151.	3.	9.
25 MISC HARV LABOR	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	8.	152.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												A CREW		POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE	CODE		
26 FURROWER 2SHOVEL	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.
30 SPD SPRYR 300 GA	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.	91.	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.
													SHARE	SHARE	POWER	SYST		
													FIXED %	VAR %	UNIT <td>CODE</td> <td>LIFT</td>	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	4.00	4.00	0.00	0.00	10.00	4.00	0.00	0.00	0.00	0.00	0.00	21.	53.	70.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	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		
51 FARM SHOP					1.000	0.250	0.	1.	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	55.00	25.0	6440.90

ENTERPRISE 2-59 REGION/COUNTY 64 UNASSIGNED 00000 MACH COMP 7 IRRIG SYST 6 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 7

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 100 TREES/ACRE
 FURROW IRRIGATION: 44 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER MACHINERY COMPLEMENT 7
 LAND OWNER BASIS YIELD: 700 CARTONS/ACRE (27 LBS/CARTON) UPDATED 02/28/83 EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE	GENERAL NAME CHANGE	LINE CHANGE
299 BEE HIVE RENTAL	250 WEED CONTROL	152 MISC HARV LABOR	151 SELLING CHARGES	313 BRUSH SHREDDING					
274 PEST - DORMANT	323 DISTRICT WATER	150 PACKING CHARGES	327 CONTRACT HAUL	326 CONTRACT PICK					
252 MISC. LABOR	254 PRE-EMERGE HERB	361 CONTR. HERB APPL	300 CONTRACT N APPL.						
MACHINRY NAME CHANGE	102 FURROWER 2SHOVEL	4 TRACTOR 65HP	53 FURROW IRRIG SYS*	21 IRRIG PUMP 15HP					

MACH COMP CHGS	4.	2.	65.000000	4.	3.200000	0.000000	4.	13.200000	0.000000	4.	16.	65.000000	***	3.	450.000000	***	13.	450.000000
	78.	2.	8.000000	78.	3.400000	0.000000	78.	13.400000	0.000000	89.	3.125000	0.000000	89.	13.125000	0.000000	14.	3.100000	0.000000
	14.	13.100000	0.000000	21.	2.	1.000000	21.	3.790000	0.000000	21.	13.790000	0.000000	21.	14.15.000000	0.000000	53.	2.	1.000000
	53.	3.143000	0.000000	53.	13.143000	0.000000	***	2.	8.000000	91.	2.	20.000000	91.	3.125000	0.000000	91.	13.125000	0.000000
EGGAT COMP CHGS	1.	5.180000	0.000000	1.	6.180000	0.000000	71.	8.6440.900000	71.	6.	55.000000							
PARAMETER CHGS	1.	1.200000		6.	0.140000		10.	5.900000	11.	5.250000		12.	5.900000	18.	1.000000			
	26.	0.106700		28.	0.025000													

CASH FLOW & INVESTMENT SUMMARY FOR PLUMS

BUDGET RECORD NUMBER 80

COSTS OF PRODUCING LARODA PLUMS(MIDSEASON)
TULARE, FRESNO, AND KINGS COUNTIES
BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLOHSKY

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	380.00	0.00	0.00	0.00	0.00	0.00	0.00	380.00
OPERATING EXPENSES														
PRUNING	\$/AC	283.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	283.50
BRUSH SHREDDING	\$/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
PEST - DORRANT	\$/AC	39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.00
THINNING	\$/AC	0.00	0.00	0.00	0.00	311.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	311.85
DISTRICT WATER	\$/AC	0.00	0.00	0.00	0.00	0.00	7.00	7.00	0.00	0.00	0.00	0.00	0.00	14.00
WEED CONTROL	\$/AC	0.00	0.00	0.00	0.00	2.55	2.55	2.55	2.55	2.55	0.00	0.00	0.00	12.75
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	20.00
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.72	0.00	0.00	0.00	36.72
CONTRACT LAB. APPL.	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	3.50
CONTR. TREE TOP.	\$/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
PRE-EMERGE HERB	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	12.00
CONTR. HERB APPL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	7.00
MISC. LABOR	\$/AC	1.73	1.73	1.79	1.73	1.73	1.79	1.73	1.73	1.79	1.73	1.73	1.79	21.00
CONTRACT PICK	\$/AC	0.00	0.00	0.00	0.00	0.00	468.00	0.00	0.00	0.00	0.00	0.00	0.00	468.00
CONTRACT HAUL	\$/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
PACKING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	940.00	0.00	0.00	0.00	0.00	0.00	0.00	940.00
WING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00	0.00	0.00	0.00	380.00
WIND HARV LABOR	\$/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	20.00
MACHINE LABOR COST	\$/AC	10.49	8.85	12.94	8.85	17.40	8.85	19.04	8.85	8.85	13.31	8.85	8.85	135.13
INTEREST ON OPER. CAP.	\$/AC	19.98	0.68	0.91	0.69	3.99	0.03	10.27	5.27	10.06	2.53	1.47	2.54	50.61
TRACTOR COST	\$/AC	1.24	0.00	3.10	0.00	6.48	0.00	7.71	0.00	0.00	3.38	0.00	0.00	21.90
EQUIPMENT COST	\$/AC	9.05	7.92	8.07	7.92	9.33	7.92	10.46	7.92	7.92	9.19	7.92	7.92	101.52
BLDG OPER. COST	\$/AC	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	5.10
IRRIGATION COST	\$/AC	0.00	0.00	0.00	5.07	5.07	0.00	0.00	12.67	5.07	0.00	0.00	0.00	27.88
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	5.98	5.98	11.80	11.80	11.80	5.98	0.00	0.00	0.00	53.10
TOTAL EXPENSES	\$/AC	375.41	19.80	27.22	30.59	364.72	1888.36	90.99	51.22	107.78	30.55	20.40	40.52	3047.57

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	1.78	1.50	2.19	1.50	2.95	1.50	3.23	1.50	1.50	2.26	1.50	1.50	22.90
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	9.00
IRRIG. WATER APPLIED	ACIN	0.60	0.60	0.60	4.60	4.60	0.60	0.60	10.60	4.00	0.60	0.60	0.60	22.00

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	FUEL	LUBE	REPAIRS	TOTAL		
TRACTOR 65HP	4	65.0	20000.	15.	300.	15.95	24.85	6.69	47.49	13.35	2.00	6.55	21.90	4.457
PICKUP 1/2 TON	14	0.5	10000.	7.	435.	36.69	30.30	7.76	74.75	72.00	10.80	12.22	55.02	15.000
IRRIG PUMP 15HP	21	1.0	7960.	25.	6400.	0.99	2.06	0.61	3.67	22.13	0.33	2.20	24.67	22.600
W IRRIG SYS#	53	1.0	14300.	10.	5000.	4.43	5.71	1.42	11.55	0.00	0.06	3.15	3.22	22.000
DISC-OFFSET	78	8.0	4000.	15.	100.	4.52	3.75	1.67	11.96	0.60	0.07	3.70	3.77	1.875
SPD SPRYR 500 6A	91	20.0	12500.	15.	80.	4.32	5.49	1.61	11.42	0.00	0.04	2.23	2.27	0.458
FURROWER 2SHOVEL	102	8.0	450.	15.	140.	0.33	0.42	0.12	0.88	0.60	0.01	0.44	0.45	1.719
FAWA SHOP	1		4500.	35.		11.57	26.41	4.50	42.48	4.50		0.19	4.69	
TOOLS-SHOP EQUIP	4		3071.	15.		14.33	21.30	3.07	38.70	0.60		0.41	0.41	

MACHINERY & EQUIPMENT 7672.
 INVESTMENT & COSTS PER ACRE 93.15 122.27 27.47 242.91 111.98 13.33 31.10 156.41
 TOTAL INVESTMENT 76721.

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
 FURROW IRRIGATION: 44 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS YIELD: 400 CARTONS/ACRE (27 LBS/CARTON) UPDATED 02/28/83
 DATE PRINTED: 02/28/83

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 80
 COSTS OF PRODUCING LARGE PLUMS (MIDSEASON)
 TULARE, FRESNO, AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

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

RANGES FROM 8.50 TO 10.50
 RANGES FROM 200.00 TO 600.00

QUANTITY OF PLUMS	PRICE OF PLUMS				
	8.50	9.00	9.50	10.00	10.50
200.00	-1347.57	-1247.57	-1147.57	-1047.57	-947.57
300.00	-497.57	-347.57	-197.57	-47.57	102.43
400.00	352.43	552.43	752.43	952.43	1152.43
500.00	1202.43	1452.43	1702.43	1952.43	2202.43
600.00	2052.43	2352.43	2652.43	2952.43	3252.43

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

RANGES FROM 8.50 TO 10.50
 RANGES FROM 200.00 TO 600.00

QUANTITY OF PLUMS	PRICE OF PLUMS				
	8.50	9.00	9.50	10.00	10.50
200.00	-1496.62	-1396.62	-1296.62	-1196.62	-1096.62
300.00	-646.62	-496.62	-346.62	-196.62	-46.62
400.00	203.38	403.38	603.38	803.38	1003.38
500.00	1053.38	1303.38	1553.38	1803.38	2053.38
600.00	1903.38	2203.38	2503.38	2803.38	3103.38

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

RANGES FROM 8.50 TO 10.50
 RANGES FROM 200.00 TO 600.00

QUANTITY OF PLUMS	PRICE OF PLUMS				
	8.50	9.00	9.50	10.00	10.50
200.00	-2900.17	-2800.17	-2700.17	-2600.17	-2500.17
300.00	-2050.17	-1900.17	-1750.17	-1600.17	-1450.17
400.00	-1200.17	-1000.17	-800.17	-600.17	-400.17
500.00	-350.17	-100.17	149.83	399.83	649.83
600.00	499.83	799.83	1099.83	1399.83	1699.83

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
 FURROW IRRIGATION: 44 AC. IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS YIELD: 400 CARTONS/ACRE (27 LBS/CARTON) UPDATED 02/28/83
 DATE PRINTED: 02/28/83

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 60
 COSTS OF PRODUCING LARODA PLUMS(MIDSEASON)
 TULARE, FRESNO, AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

FUEL USED IN GALLONS PER HOUR

TRACTOR 65HP	3.120
PICKUP 1/2 TON	4.000
IRRIG PUMP 15HP	2.190 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.200	
FURROWER 2SHOVEL	1.966	TRACTOR 65HP
DISC-OFFSET	2.145	TRACTOR 65HP
SPD SPRYR 500 GA	0.787	TRACTOR 65HP
FURROW IRRIG SYS*	202.174 (KWHRS)	IRRIG PUMP 15HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
FURROWER 2SHOVEL	0.000	0.000	1.966	0.000	1.966	0.000	1.966	0.000	0.000	0.000	0.000	0.000	5.899	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
SPD SPRYR 500 GA	0.787	0.000	0.000	0.000	0.000	0.000	0.787	0.000	0.000	0.000	0.000	0.000	1.573	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
FURROW IRRIG SYS*	0.000	0.000	0.000	36.759	36.759	0.000	0.000	91.897	36.759	0.000	0.000	0.000	202.174	KWH
TOTALS	5.787	5.000	6.966	41.759	45.870	5.000	9.898	96.897	41.759	7.145	5.000	5.000	73.907	

GALLONS FUEL BY TYPE

60.00 GAS
 0.00 LP
 13.91 DIESEL
 0.00 N. GAS
 202.17 KWHRS

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

MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 60
 COSTS OF PRODUCING LARODA PLUMS(MIDSEASON)
 TULARE, FRESNO, AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

OPERATION	ITEM NO.	DATE	TIRES OVER	LABOR HOUR	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	COSTS PER ACRE
FURROWER 2SHOVEL	4, 102	JULY	1.00	0.693	0.573	3.25	7.01
DISC-OFFSET	4, 78	JULY	1.00	0.756	0.625	4.64	11.31
SPD SPRYR 500 GA	4, 91	JULY	1.00	0.277	0.229	2.38	8.40
PICKUP 1/2 TON	14	JULY	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	AUG	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	SEPT	25.00	1.500	1.250	7.92	6.23
DISC-OFFSET	4, 78	OCT	1.00	0.756	0.625	4.64	11.31
PICKUP 1/2 TON	14	OCT	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	NOV	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	DEC	25.00	1.500	1.250	7.92	6.23
SPD SPRYR 500 GA	4, 91	JAN	1.00	0.277	0.229	2.38	8.40
PICKUP 1/2 TON	14	JAN	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	FEB	25.00	1.500	1.250	7.92	6.23
FURROWER 2SHOVEL	4, 102	MAR	1.00	0.693	0.573	3.25	7.01
PICKUP 1/2 TON	14	MAR	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	APR	25.00	1.500	1.250	7.92	6.23
FURROWER 2SHOVEL	4, 102	MAY	1.00	0.693	0.573	3.25	7.01
DISC-OFFSET	4, 78	MAY	1.00	0.756	0.625	4.64	11.31
PICKUP 1/2 TON	14	MAY	25.00	1.500	1.250	7.92	6.23
PICKUP 1/2 TON	14	JUNE	25.00	1.500	1.250	7.92	6.23

TOTALS 22.903 19.052 ***** 146.50

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
 FURROW IRRIGATION: 44 AC. IN. TOTAL SOX DISTRICT WATER, SOX WELL WATER
 LAND OWNER BASIS YIELD: 400 CARTONS/ACRE (27 LBS/CARTON) UPDATED 02/28/83
 DATE PRINTED: 02/28/83

STORED DATA PAGE (NO CALCULATIONS) FOR PLUMS

BUDGET RECORD NUMBER 00

COSTS OF PRODUCING LARODA PLUMS(MIDSEASON)
TULARE, FRESNO, AND KINGS COUNTIES
BY J. LARUE, F. YOSHIMAWA, S. BEEDE AND K. KLONSKY

COSTS AND RETURNS WILL BE
DIVIDED BY 400.0 CTNS
TO OBTAIN PER CTNS COSTS

Table with columns: LINE PRODUCTION, 1-13 (MONTHS), PRICE, SHARE, UNIT, ITEM, TYPE, XXXX. Rows include 1 PLUMS, OPERATING INPUTS (6 PRUNING, 7 BRUSH SHREDDING, etc.), and MACHINERY REQUIREMENTS (28 FURROWER 2SHOVEL, 29 DISC-OFFSET, etc.).

Table with columns: MACHINERY REQUIREMENTS, IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE, # CREW, POWER, MACH, TYPE, HARV. Rows include 49 ACIN IRRIG WATER, 50 NO. TIMES IRRIG.

Table with columns: EQUIPMENT REQUIREMENTS, NUMBER UNITS, PROPORT OF COST, XXX EQUIP, TYPE, XXXX. Rows include 51 FARM SHOP, 52 TOOLS-SHOP EQUIP, 71 ENTERPRISE 2-59 REGION/COUNTY 64 UNASSIGNED 66000 MACH COMP.

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 100 TREES/ACRE
FURROW IRRIGATION: 44 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
LAND OWNER BASIS YIELD: 400 CARTONS/ACRE (27 LBS/CARTON) UPDATED 02/28/83

Table with columns: LINE CHANGE, GENERAL NAME CHANGE, MACHINRY NAME CHANGE. Rows include 299 CONTR. TREE TOP, 274 PEST - DORMANT, 252 MISC. LABOR, 102 FURROWER 2SHOVEL, 4 TRACTOR 65HP, 53 FURROW IRRIG SYS, 21 IRRIG PUMP 15HP.

Table with columns: RW CL, VALUE, RW CL, VALUE, RW CL, VALUE, RW CL, VALUE, RW CL, VALUE, RW CL, VALUE. Rows include MACH COMP CHGS--> 4. 2. 65.000000, 78. 2. 8.000000, 14.13.10000.000000, 53. 3.14300.000000, EGGAT COMP CHGS--> 1. 5.18000.000000, PARAMETER CHGS--> 1. 1.200000, 26. 0.106700.