

COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA

CALIFORNIA 55816

1983

SAMPLE PRODUCTION COSTS
COSTS OF PRODUCING SPRINGCREST PEACHES (EARLY 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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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: 650 lugs/acre (23 lbs/lug)

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 (for 500 gal/acre) @ \$3.50/gal = 17.50/acre

Parathion (25wp)

2 lb/100 gal of water x 5 (for 500 gal/acre) @ \$1.25/lb = 12.50/acre

Basic copper

4 lb/100 gal or water x 5 (for 500 gal/acre) @ \$1.10/lb = 22.00/acre

Total dormant materials (1 application) \$61.00/acre

Dormant spray to control San Jose scale, peach twig borer,
 peach leaf curl, zinc deficiency and over wintering mite eggs.

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

Total materials for applications = \$81.00/acre

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

- 1 pass in orchard each application

3. Tie limbs in February:

Labor & materials 108 trees/acre @ \$.70/tree = \$75.60/acre

4. 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

5. Thin fruit in April:

Labor - 91.8 hrs/acre @ \$5.25/hr = \$481.95/acre

6. Girdle limbs in April:

Labor - 9.75 hrs/acre @ \$5.25/hr = \$51.19/acre

7. Fertilize in May and September:

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

Sept: .75 lbs N/tree x 108 trees/acre @ \$.34/lb = \$27.54/acre

Total materials \$45.90/acre

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

8. Disc in May, July, October:

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

May before furrowing

July before furrowing

Oct. before pruning

9. Irrigation:

Furrow irrigation system includes:

Pipeline \$300/acre x 40 acres	\$12,000
Well, 120 ft, 10-12" casing	2,300
	<u>\$14,300</u>

Pump: 15hp, 70 ft lift, 450 gal/min = 1.0 ac.in./hr, \$7,900

Irrigation labor - 1 hr/application/acre

9 irrigations - 44 ac.in. total: 22 ac.in. district water
22 ac.in. well water

District water cost: \$14.00/acre

First irrigation or two is well water, district water used until unavailable, then well water for balance of season.

		well	district
April	1x	4.0	
May	1x	4.0	
June	2x		11.0
July	2x		11.0
August	2x	10.0	
September	1x	4.0	
Total ac.in.		<u>22.0</u>	<u>22.0</u>

An irrigation in March is possible for frost protection.

10. 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

11. Misc. labor:

4 hrs/acre @ \$5.25/hr = \$21.00/acre
1/3 hour charged each month for 12 months

12. Pickup: 25 miles/acre/month

13. Harvest in June:

Yield: 650 packed lugs/acre (23 lbs/lug)

Price: \$7.50/lug (based on 1980 prices)

Contract harvest

Pick: \$.71/lug x 650 lugs/acre = \$461.50

\$25/bin and a 35 carton packout

Haul: \$.10 lug x 650 lugs/acre = \$65.00/acre

Misc. harvest labor: 4 hrs/ac @ \$5.25/hr = \$21.00/acre

Packing charges: \$2.35/lug

Selling charges: 10% of gross sales price = \$.75/lug

14. Labor rates include benefits:

Machinery operators \$5.90/hr

Irrigators \$5.90/hr

Misc. labor \$5.25/hr

15. Buildings and equipment:

Farm shop 1500 sq.ft @ \$12/sq.ft. \$18,000

Tools and shop equipment \$12,285

Proportion allocated to Stone Fruit Orchard = 25% of above

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
PEACHES	LUGS	7.500	650.000	4875.00	
TOTAL RECEIPTS:				4875.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	HOUR	5.250	75.600	396.90	
BRUSH SHREDDING	ACRE	10.000	1.000	10.00	
PEST - DORRANT	ACRE	61.000	1.000	61.00	
TIE - NAT&LABOR	TREE	0.700	108.000	75.60	
THINNING	HOUR	5.250	91.000	481.95	
GIRDLING	HOUR	5.250	9.750	51.19	
NITROGEN	LBS.	0.340	135.000	45.90	
CONTRACT N APPL.	AFLC	3.500	2.000	7.00	
DISTRICT WATER	ACRE	14.000	1.000	14.00	
WEED CONTROL	ACRE	12.750	1.000	12.75	
MITICIDE	LBS.	20.000	1.000	20.00	
PRE-EMERGE HERB	ACRE	12.000	1.000	12.00	
CONTR. HERB APPL	AFLC	7.000	1.000	7.00	
MISC. LABOR	HOUR	5.250	4.000	21.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			21.90	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			101.52	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			5.10	
IRRIGATION (POWER-LUBE-REP)	ACIN	1.267	22.000	27.88	
MACHINERY LABOR	HOUR	5.900	22.903	135.13	
IRRIGATION LABOR	HOUR	5.900	9.000	53.10	
INTEREST ON OPERATING CAP.	DOL.	0.14000	550.991	77.14	
TOTAL PREHARVEST COSTS:				1635.57	
PREHARVEST COST PER LUGS				2.5163	
HARVEST:					
CONTRACT PICK	LUGS	0.710	650.000	461.50	
CONTRACT HAUL	LUGS	0.100	650.000	65.00	
PACKING CHARGES	LUGS	2.350	650.000	1527.50	
SELLING CHARGES	LUGS	0.750	650.000	487.50	
MISC HARV LABOR	HOUR	5.250	4.000	21.00	
TOTAL HARVEST COSTS:				2562.50	
HARVEST COST PER LUGS				3.9423	
TOTAL VARIABLE COSTS:				4198.07	
VARIABLE COST PER LUGS				6.4586	
3. INCOME ABOVE VARIABLE COSTS:					
				676.93	
INCOME PER LUGS				1.0414	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				17.87	
REAL PROPERTY TAXES:				55.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				104.95	
TOTAL OVERHEAD:				177.82	
OVERHEAD COST PER LUGS				0.2736	
TOTAL CASH COSTS:				4375.68	
TOTAL CASH COST PER LUGS				6.7321	
5. INCOME ABOVE ALL CASH COSTS:					
				499.12	
INCOME PER LUGS				0.7577	

6. OWNERSHIP COSTS:

DEPRECIATION:

MACHINERY & EQUIPMENT	ACRE		61.82
IRRIGATION SYSTEM	ACRE		5.43
BUILDINGS	ACRE		25.90
TREES, VINES OR STAND	ACRE		-----322.04

TOTAL DEPRECIATION: 415.19

CAPITAL & INTEREST:

MACHINERY&EQUIPMENT	0.14000	477.275	66.02
IRRIGATION SYSTEM	0.14000	55.477	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: 1467.96

TOTAL COST PER LUGS 2.2594

7. TOTAL OF ABOVE COSTS: 5943.84

TOTAL COST PER LUGS 8.9905

8. NET RETURNS: -968.84

NET RETURNS PER LUGS -1.4905

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: 650 LUGS/ACRE (23 LBS/LUG) UPDATED 02/28/83
 DATE PRINTED: 02/28/83 HARVEST MONTH: 6 BUDGET RECORD NUMBER 288

CASH FLOW & INVESTMENT SUMMARY FOR HECTARINES

BUDGET RECEIPT NUMBER 263

COST OF PRODUCING SPRINGCREST PEACHES (EARLY SEASON)

TULARE, FRESNO AND KINGS COUNTIES

BY J. LARUE, F. YOSHIKAWA, B. CEEDE, K. KLONSKY

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	4875.00	0.00	0.00	0.00	0.00	0.00	0.00	4875.00
OPERATING EXPENSES														
TRUNKING	\$/AC	376.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376.90
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 - DORMANT	\$/AC	61.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.00
TIE - MATERIAL	\$/AC	0.00	75.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.60
THINNING	\$/AC	0.00	0.00	0.00	481.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	481.95
GIRDLING	\$/AC	0.00	0.00	0.00	51.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.19
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	18.36	0.00	0.00	0.00	27.54	0.00	0.00	0.00	45.90
CONTRACT N APPL.	\$/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
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
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	1.77	1.73	1.73	1.77	1.73	1.73	1.77	1.73	1.73	1.77	21.00
CONTRACT PICK	\$/AC	0.00	0.00	0.00	0.00	0.00	461.50	0.00	0.00	0.00	0.00	0.00	0.00	461.50
CONTRACT HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	65.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00
PACKING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	1527.50	0.00	0.00	0.00	0.00	0.00	0.00	1527.50
SELLING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	487.50	0.00	0.00	0.00	0.00	0.00	0.00	487.50
MISC HARV LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00
MACHINE LABOR COST	\$/AC	10.49	8.05	12.94	8.05	17.40	8.05	19.04	8.05	13.31	8.05	8.05	135.13	
INTEREST ON OPER. CAP.	\$/AC	27.57	4.25	0.91	12.46	0.81	0.03	10.27	5.27	6.53	2.53	1.47	2.54	74.64
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	9.18	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	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	27.99	
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	53.10	
TOTAL EXPENSES	\$/AC	518.41	98.78	27.22	575.49	71.35	2602.86	90.99	51.22	70.07	30.55	20.40	40.52	4198.07

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
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	22.50
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	7.00
IRRIG. WATER APPLIED	AC/H	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	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	10.60	12.22	55.02	15.600
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 IRIG 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	70	3.0	4000.	15.	100.	4.52	5.75	1.69	11.96	0.00	0.07	3.70	3.77	1.875
SFD SERVO 3/4 GA	91	20.0	12500.	15.	60.	4.32	5.49	1.61	11.42	0.00	0.04	2.23	2.27	0.458
FURROWER 25HP/2FL	192	3.0	450.	15.	140.	0.33	0.42	0.12	0.88	0.00	0.01	0.44	0.45	1.719
FARM SHOP	1		4500.	35.		11.57	26.41	4.50	42.48	4.50		0.17	4.67	
TOOLS-SHOP EQUIP	4		3071.	15.		14.33	21.30	3.07	38.70	0.00		0.41	0.41	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			7672.			93.15	122.29	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 SUZ DISTRICT WATER, 50% WELL WATER
 LAND OWNER EASTS (YIELD: 650 LUGS/ACRE (23 LBS/LUG) UPDATED 02/28/83
 DATE PRINTED: 02/28/83

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 288
 COST OF PRODUCING SPRINGCREST PEACHES (EARLY SEASON)
 TULARE, FRESNO AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, B. BEEDE, K. KLONSKY

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

QUANTITY OF PEACHES	PRICE OF PEACHES				
	6.50	7.00	7.50	8.00	8.50
450.00	-1273.07	-1048.07	-823.07	-598.07	-373.07
550.00	-623.07	-348.07	-73.07	201.93	476.93
650.00	26.93	351.93	676.93	1001.93	1326.93
750.00	676.93	1051.93	1426.93	1801.93	2176.93
850.00	1326.93	1751.93	2176.93	2601.93	3026.93

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

QUANTITY OF PEACHES	PRICE OF PEACHES				
	6.50	7.00	7.50	8.00	8.50
450.00	-1450.88	-1225.88	-1000.88	-775.88	-550.88
550.00	-600.88	-525.88	-250.88	24.12	299.12
650.00	-150.88	174.12	499.12	824.12	1149.12
750.00	499.12	874.12	1249.12	1624.12	1999.12
850.00	1149.12	1574.12	1999.12	2424.12	2849.12

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

QUANTITY OF PEACHES	PRICE OF PEACHES				
	6.50	7.00	7.50	8.00	8.50
450.00	-2918.84	-2673.84	-2468.84	-2243.84	-2018.84
550.00	-2268.84	-1993.84	-1718.84	-1443.84	-1168.84
650.00	-1618.84	-1293.84	-968.84	-643.84	-318.84
750.00	-968.84	-593.84	-218.84	156.16	531.16
850.00	-318.84	106.16	531.16	956.16	1381.16

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
 FURROW IRRIGATION: 44 AC. IN. TOTAL SUZ DISTRICT WATER, SUZ WELL WATER
 LAND OWNER BASIS YIELD: 650 LUGS/ACRE (23 LBS/LUG) UPDATED 02/28/83
 DATE PRINTED: 02/23/83

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 288
 COST OF PRODUCING SPRINGCREST PEACHES (EARLY SEASON)
 TULARE, FRESNO AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, S. BEEDE, K. KLONSKY

FUEL USED IN GALLONS PER HOUR

TRACTOR 65HP	3.120
PICKUP 1/2 TON	4.000
IRRIQ FURP 15HP	9.170 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.260	
DISC-OFFSET	2.145	TRACTOR 65HP
FURROWER 25HOVEL	1.966	TRACTOR 65HP
SFD SPRTR 500 GA	0.787	TRACTOR 65HP
FURROW IRIG SYS	202.174 (KWHRS)	IRRIQ FURP 15HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
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
FURROWER 25HOVEL	0.000	0.000	1.966	0.000	1.966	0.000	1.966	0.000	0.000	0.000	0.000	0.000	5.897	DIESEL
SFD SPRTR 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	GAS
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	DIESEL
FURROW IRIG 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	9.098	96.897	41.759	7.145	5.000	5.000	73.907	

GALLONS FUEL BY TYPE

60.00 GAS
 0.00 LP
 13.71 DIESEL
 0.00 H. GAS
 202.17 KWHRS

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

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: 650 LUGS/ACRE (23 LBS/LUG) UPDATED 02/28/83
 DATE PRINTED: 02/28/83

MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 288
 COST OF PRODUCING SPRINGCREST PEACHES (EARLY SEASON)
 TULARE, FRESNO AND KINGS COUNTIES
 BY J. LARUE, F. YOSHIKAWA, S. BEEDE, K. KLONSKY

OPERATION	ITER NO.	DATE	TIMES OVER HOUR	LARGER MACHINE HOURS	FUEL, OIL, LBS. PER ACRE	FIXED LUB., REP. COSTS PER ACRE
DISC-OFFSET	4, 70	JULY	1.00	0.756	0.625	4.64 11.31
FURROWER 25HOVEL	4, 102	JULY	1.00	0.693	0.573	3.25 7.01
SFD SPRTR 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, 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
SFD SPRTR 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 25HOVEL	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
DISC-OFFSET	4, 70	MAY	1.00	0.756	0.625	4.64 11.31
FURROWER 25HOVEL	4, 102	MAY	1.00	0.693	0.573	3.25 7.01
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	17.652	*****	146.50

INSUFFICIENT STORAGE FOR 0000E 53 FURROW IRRIG SYS

STORFD DATA PAGE (NO CALCULATIONS) FOR HECTARINES

BUDGET RECORD NUMBER 260

COST OF PRODUCING SPRINGCREST PEACHES(EARLY SEASON)
 IN LUMB. TEFSKO AND KINGS COUNTIES
 BY J. LAQUE, F. YOSHIKAWA, S. BEEDE, K. KLONSKY

COSTS AND RETURNS WILL BE
 DIVIDED BY 650.0 LUGS
 TO OBTAIN PER LUGS 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		
	NUMBER OF UNITS													RENT	CODE	CODE				
1 PEACHES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.500	0.000	27.	350.	2.	0.		
OPERATING INPUTS		RATE/UNIT													PRICE	SHARE	UNIT	ITEM	TYPE	MARK
														RENT	CODE	CODE				
3 PRUNING	75.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	0.	340.	3.	0.		
7 CRUSH 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 FERT - 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	61.000	0.000	7.	206.	3.	0.		
9 TIE - NATLABOR	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.700	0.000	24.	342.	3.	0.		
13 THINNING	0.00	0.00	0.00	91.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	8.	339.	3.	0.		
15 BIRDLING	0.00	0.00	0.00	9.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	8.	341.	3.	0.		
17 NITROGEN	0.00	0.00	0.00	0.00	54.00	0.00	0.00	0.00	81.00	0.00	0.00	0.00	0.340	0.000	12.	211.	3.	0.		
18 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.		
20 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.	440.	3.	0.		
22 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	12.750	0.000	7.	269.	3.	0.		
23 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	20.000	0.000	12.	247.	3.	0.		
25 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	0.00	1.000	12.000	0.000	7.	351.	3.	0.	
26 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.		
28 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.		
29 CONTRACT PICK	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.710	0.000	27.	326.	3.	9.		
30 CONTRACT HAUL	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.100	0.000	27.	327.	3.	9.		
31 PACKING CHARGES	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	2.350	0.000	27.	150.	3.	9.		
32 SELLING CHARGES	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.750	0.000	27.	151.	3.	9.		
33 MISC HARV LABOR	0.00	0.00	0.00	0.00	0.00	4.00	0.00	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 # CREW POWER EACH TYPE HARV

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
														LABOR	UNIT	CODE	CODE	
35 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.	70.	4.	0.
36 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.
37 SPD SFRTYR 500 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.
39 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	SYSA	
														FIXED	VAR	UNIT	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	0.00	21.	53.	70.
50 NO. TINES 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	0.00	0.00	0.00			

EQUIPMENT REQUIREMENTS NUMBER PROPORT XXX EGUIP TYPE XXXX

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
														UNITS	OF	COST	CODE		
52 FARM SHOP														1.000	0.250	0.	1.	5.	0.
53 TOOLS-SHOP EQUIP														1.000	0.250	0.	4.	5.	0.
COLINGS --->																			
LAND REQUIREMENTS	CHARGE		3		4		5		6		7		8		9				
	RETINO		NUMBER		VALUE OR		TAXES		PERENNIAL CROPS		PER ACRE		YRS LIFE		COST/ACRE				
71	1		10.00		5500.00		55.00		20.00		6440.90								

ENTERPRISE 2 51 REGIM/COUNTY 64 UNASSIGNED 00000 HACH CORP 7 IRRIG SYST 6 UNASSIGNED 0 EGUIP SET 1 HARVEST MONTH 6

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: 650 LUGS/ACRE (23 LBS/LUG) UPDATED 02/20/83 EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE-->	206	FERT - DORMANT	350	PEACHES	351	PRE-EMERGE HERB	342	TIE - NATLABOR	313	CRUSH SHREDDING								
	339	THINNING	300	CONTRACT N APPL.	448	DISTRICT WATER	269	WEED CONTROL	361	CONTR. HERB APPL								
	252	MISC. LABOR	326	CONTRACT PICK	327	CONTRACT HAUL	150	PACKING CHARGES	151	SELLING CHARGES								
	132	MISC HARV LABOR																
MACHINERY NAME CHANGE-->	4	TRACTOR 65HP	102	FURROWER 2SHOVEL	21	IRRIG PUMP 15HP												
	EW CL	VALUE	BW CL	VALUE	EW CL	VALUE	BW CL	VALUE	EW CL	VALUE								
MACH CORP ENG-->	70.	2.	0.000000	70.	3.	4000.000000	70.	13.	4000.000000	4.	2.	65.000000	4.	3.	20000.000000	4.	13.	20000.000000
	4.	16.	65.000000	**	2.	0.000000	**	3.	450.000000	**	13.	450.000000	53.	2.	1.000000	53.	3.	14300.000000
	53.	13.	14300.000000	91.	2.	20.000000	91.	3.	12500.000000	91.	13.	12500.000000	14.	3.	10000.000000	14.	13.	10000.000000
	21.	2.	1.000000	21.	3.	7900.000000	21.	13.	7900.000000	21.	16.	15.000000						
ESCAP CORP ENG-->	11.	5.	10000.000000	1.	6.	18000.000000												
FAFARETER ENG-->	10.	5.	900000	12.	5.	900000	18.	1.000000	28.	0.025000	11.	5.250000						