

COST & RETURNS SUMMARY FOR STONE FRUIT
 10 YEAR ESTABLISHMENT COSTS FOR A STONE FRUIT ORCHARD
 SOUTHERN SAN JOAQUIN VALLEY 1983
 BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K.KLONSKY

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
TOTAL RECEIPTS:				0.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	HOOR	5.000	3.600	18.00	
TREES	TREE	3.050	2.000	6.10	
REPLANT LABOR	HOOR	5.050	1.000	5.05	
NITROGEN	LBS.	0.340	54.000	18.36	
CONTRACT N APPL.	APPL.	3.500	2.000	7.00	
DISTRICT WATER	ACRE	14.000	1.000	14.00	
PEST - DORRANT	ACRE	15.260	1.000	15.26	
MITICIDE	LBS.	5.000	0.250	1.25	
WEED CONTROL	ACRE	10.250	1.000	10.25	
PRE-EMERGE HERB	ACRE	12.000	1.000	12.00	
CONTR. HERB APPL	APPL	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 (FUEL-LUBE-REPAIRS)	ACRE			5.10	
IRRIGATION (POWER-LUBE-REP)	ACIN	2.632	7.000	18.42	
MACHINERY LABOR	HOOR	5.900	22.903	135.13	
IRRIGATION LABOR	HOOR	5.900	9.000	53.10	
INTEREST ON OPERATING CAP.	DOL.	0.14000	222.833	30.42	
TOTAL PREHARVEST COSTS:				500.91	
PREHARVEST COST PER ACRE				500.9135	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				500.91	
VARIABLE COST PER ACRE				500.9135	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				17.87	
REAL PROPERTY TAXES:				50.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				12.52	
TOTAL OVERHEAD:				80.39	
OVERHEAD COST PER ACRE				80.3905	
TOTAL CASH COSTS:				581.30	
TOTAL CASH COST PER ACRE				581.3040	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			61.82	
IRRIGATION SYSTEM	ACRE			1.73	
BUILDINGS	ACRE			25.90	
TOTAL DEPRECIATION:				89.45	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.14000	477.275	66.82	
IRRIGATION SYSTEM		0.14000	17.652	2.47	
BUILDINGS		0.10670	447.131	47.71	
LAND		0.10670	5560.000	586.85	
TOTAL INTEREST CHARGE:				703.85	
TOTAL FIXED COSTS:				793.30	
FIXED COST PER ACRE				793.2954	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				1374.60	
				1374.5994	

BASED ON 10 ACRES OF A 40 ACRE ORCHARD -- 100 TREES/ACRE

FURROW IRRIGATION: 14 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER

LAND OWNER BASIS

DATE PRINTED: 02/24/83

HARVEST MONTH: 12

UPDATED 02/24/83

BUDGET RECORD NUMBER 257

STORED DATA PAGE (NO CALCULATIONS) FOR STONE FRUIT

BUDGET RECORD NUMBER 257

2ND YEAR ESTABLISHMENT COSTS FOR A STONE FRUIT ORCHARD
SOUTHERN SAN JOAQUIN VALLEY 1983
BY J. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

COSTS AND RETURNS WILL BE
DIVIDED BY 1.0 ACRE
TO OBTAIN PER ACRE 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 STONE FRUIT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	45.	99.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 PRUNING	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	340.	3.	0.
10 TREES	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.050	0.000	24.	495.	3.	0.
11 REPLANT LABOR	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.050	0.000	8.	200.	3.	0.
14 NITROGEN	0.00	0.00	0.00	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	27.00	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	0.00	0.00	0.00	1.00	3.500	0.000	34.	300.	3.	0.
16 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.	448.	3.	0.
17 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	15.260	0.000	7.	206.	3.	0.
18 MITICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	5.000	0.000	12.	247.	3.	0.
19 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	10.250	0.000	7.	267.	3.	0.
20 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.	296.	3.	0.
21 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.
25 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.	352.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS =	TIRES OVER,	TRUCKS =	M MILES/ACRE,	TRACTORS =	HRS/ACRE	A CREW POWER MACH TYPE HARV											
							LABOR	UNIT	CODE									
26 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.
27 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.
28 SPD SPRYR 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.
30 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	1.30	1.30	0.00	0.00	3.20	1.20	0.00	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								
52 FARM SHOP	1.000	0.250	0.	1.	5.	0.						
53 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	50.00	0.0	0.00						

ENTERPRISE 2-79 REGION/COUNTY 64 UNASSIGNED 00000 MACH COMP 7 IRRIG SYST 6 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 12

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE

FURROW IRRIGATION: 14 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER

MACHINERY COMPLEMENT 7

LAND OWNER BASIS

UPDATED 02/24/83

EQUIPMENT COMPLEMENT 1

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
GENERAL NAME CHANGE-> 99 STONE FRUIT	276 PRE-EMERGE HERB	297 CONTRACT CHISEL	298 CONTRACT PLANT	299 FUNGICIDE APPL.
393 PAINT	269 WEED CONTROL	448 DISTRICT WATER	394 PAINTING LABOR	352 MISC. LABOR
300 CONTRACT N APPL.	200 REPLANT LABOR	206 PEST - DORMANT	361 CONTR. HERB APPL	
MACHRY NAME CHANGE-> 4 TRACTOR 65HP	102 FURROWER 2SHOVEL	21 IRRIG PUMP 15HP	53 FURROW IRRIG SYS*	

ROW CL	VALUE	ROW CL	VALUE	ROW CL	VALUE	ROW CL	VALUE	ROW CL	VALUE	ROW CL	VALUE
COMP CHGS-->78. 2.	8.000000	78. 3.	4000.000000	78.13.	4000.000000	4. 2.	65.000000	4. 3.	20000.000000	4.13.	20000.000000
4.16.	65.000000	*** 2.	8.000000	*** 3.	450.000000	***13.	450.000000	21. 3.	7900.000000	21.13.	7900.000000
21.16.	15.000000	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	53. 2.	1.000000				
EQUAT COMP CHGS-->1. 5.	18000.000000	1. 6.	18000.000000								
PARAMETER CHGS-->10.	5.900000	12.	5.900000	18.	1.000000	26.	0.025000	11.	5.250000		

COST & RETURNS SUMMARY FOR STONE FRUIT
 3RD YEAR ESTABLISHMENT COSTS FOR STONE FRUIT ORCHARD
 SOUTHERN SAN JOAQUIN VALLEY 1983
 L. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
TOTAL RECEIPTS:				0.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	HOOR	5.000	9.000	45.00	
BRUSH SHREDDING	ACRE	10.000	1.000	10.00	
NITROGEN	LBS.	0.340	81.000	27.54	
CONTRACT N AFFL.	APLC	3.500	2.000	7.00	
DISTRICT WATER	ACRE	14.000	1.000	14.00	
PEST - DORMANT	ACRE	18.250	1.000	18.25	
MITICIDE	LBS.	10.000	0.500	5.00	
WEED CONTROL	ACRE	10.250	1.000	10.25	
PRE-EMERGE HERB	ACRE	12.000	1.000	12.00	
CONTR. HERB APPL	APLC	7.000	1.000	7.00	
THINNING	HOOR	5.250	16.200	85.05	
MISC. LABOR	HOOR	5.250	4.000	21.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			21.90	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			101.32	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			5.10	
IRRIGATION (POWER-LUBE-REP)	ACIN	1.631	14.000	22.84	
MACHINERY LABOR	HOOR	5.900	22.903	135.13	
IRRIGATION LABOR	HOOR	5.900	9.000	53.10	
INTEREST ON OPERATING CAP.	DOL.	0.14000	312.917	42.82	
TOTAL PREHARVEST COSTS:				644.54	
PREHARVEST COST PER ACRE				644.5448	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				644.54	
VARIABLE COST PER ACRE				644.5448	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				17.87	
REAL PROPERTY TAXES:				50.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				16.11	
TOTAL OVERHEAD:				83.98	
OVERHEAD COST PER ACRE				83.9813	
TOTAL CASH COSTS:				728.53	
TOTAL CASH COST PER ACRE				728.5261	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			61.82	
IRRIGATION SYSTEM	ACRE			3.45	
BUILDINGS	ACRE			25.90	
TOTAL DEPRECIATION:				91.17	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.14000	477.275	66.82	
IRRIGATION SYSTEM		0.14000	35.305	4.94	
BUILDINGS		0.10670	447.131	47.71	
LAND		0.10670	3500.000	586.85	
TOTAL INTEREST CHARGE:				706.32	
TOTAL FIXED COSTS:				797.49	
FIXED COST PER ACRE				797.4938	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				1526.02	
				1526.0199	

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 100 TREES/ACRE
 FURROW IRRIGATION: 20 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS
 DATE PRINTED: 02/24/83 HARVEST MONTH: 12 UPDATED 02/24/83 BUDGET RECORD NUMBER 258

CASH FLOW & INVESTMENT SUMMARY FOR STONE FRUIT

BUDGET RECORD NUMBER 256

3RD YEAR ESTABLISHMENT COSTS FOR STONE FRUIT ORCHARD
SOUTHERN SAN JOAQUIN VALLEY 1983
L. LARUE, F. YOSHIKAWA, G. 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OPERATING EXPENSES														
PRUNING	\$/AC	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00
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
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	13.77	0.00	0.00	0.00	0.00	0.00	0.00	13.77	27.54
CONTRACT N APPL.	\$/AC	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	3.50	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
PEST - CORRAANT	\$/AC	18.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.25
MITICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	5.00
WEED CONTROL	\$/AC	0.00	0.00	0.00	0.00	2.05	2.05	2.05	2.05	2.05	0.00	0.00	0.00	10.25
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
THINNING	\$/AC	0.00	0.00	0.00	85.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.05
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	21.60
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	12.28	2.18	2.72	10.40	3.14	2.70	3.66	1.94	1.03	0.62	0.21	0.00	42.87
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	101.52
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	4.08	4.08	0.00	0.00	10.60	4.08	0.00	0.00	0.00	22.84
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	108.46	21.11	29.03	124.36	69.80	42.53	68.88	45.32	32.04	28.64	19.13	55.25	644.54

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	0.00	0.00	0.00	2.50	2.50	0.00	0.00	6.50	2.50	0.00	0.00	0.00	14.00

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	38.30	7.76	74.75	72.00	10.80	12.22	95.02	15.000
IRRIG PUMP 13HP	21	1.0	7900.	25.	6400.	0.63	1.31	0.39	2.33	19.10	0.29	1.40	20.79	14.000
FURROW IRIG SYS*	53	1.0	14300.	10.	5000.	2.82	3.63	0.90	7.35	0.00	0.04	2.01	2.05	14.000
DISC-OFFSET	78	8.0	4000.	15.	100.	4.52	5.75	1.69	11.96	0.00	0.07	3.70	3.77	1.875
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	0.00	0.01	0.44	0.45	1.719
FARM SHOP	1		4500.	35.		11.57	26.41	4.50	42.48	4.50		0.19	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.			91.17	119.47	26.73	237.37	108.95	13.26	29.15	151.36	
INVESTMENT & COSTS PER ACRE														
TOTAL INVESTMENT			76721.											

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE

FURROW IRRIGATION: 28 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 258
 3RD YEAR ESTABLISHMENT CONSTS FOR STONE FRUIT ORCHARD
 SOUTHERN SAN JOAQUIN VALLEY 1983
 L. 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	9.150 (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 2SHOVEL	1.966	TRACTOR 65HP
SPD SPRYR 500 GA	0.787	TRACTOR 65HP
FURROW IRRIG SYS*	128.656 (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
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 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	5.897	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	3.000	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	22.974	22.974	0.000	0.000	59.733	22.974	0.000	0.000	0.000	128.656	KWH
TOTALS	5.787	5.000	6.966	27.974	32.086	5.000	9.893	64.733	27.974	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
 128.66 KWHRS

FUEL TYPES

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

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
 FURROW IRRIGATION: 20 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS
 DATE PRINTED: 02/24/83

MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 258
 3RD YEAR ESTABLISHMENT CONSTS FOR STONE FRUIT ORCHARD
 SOUTHERN SAN JOAQUIN VALLEY 1983
 L. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

OPERATION	ITER NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOURS	FUEL,OIL, FIXED LUB.,REF. COSTS	
						PER ACRE	PER ACRE
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
DISC-OFFSET	4, 78	MAY	1.00	0.756	0.625	4.64	11.31
FURROWER 2SHOVEL	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
DISC-OFFSET	4, 78	JULY	1.00	0.756	0.625	4.64	11.31
FURROWER 2SHOVEL	4,102	JULY	1.00	0.693	0.573	3.25	7.01
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
TOTALS				22.903	19.052	****	146.50

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
 FURROW IRRIGATION: 20 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS
 DATE PRINTED: 02/24/83

STORED DATA PAGE (NO CALCULATIONS) FOR STONE FRUIT

BUDGET RECORD NUMBER 258

3RD YEAR ESTABLISHMENT CONSTS FOR STONE FRUIT ORCHARD
SOUTHERN SAN JOAQUIN VALLEY 1983
L. LARUE, F. YOSHIKAWA, B. BEEDE AND K. KLONSKY

COSTS AND RETURNS WILL BE
DIVIDED BY 1.0 ACRE
TO OBTAIN PER ACRE 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	STONE FRUIT																	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	45.	99.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT																	
													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	8.	340.	3.	0.
7	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.	200.	3.	0.
14	0.60	0.00	0.00	0.00	40.50	0.60	0.60	0.60	0.60	0.60	0.60	40.50	0.340	0.600	12.	211.	3.	0.
15	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.500	0.000	34.	300.	3.	0.
16	0.60	0.00	0.00	0.00	0.60	0.50	0.50	0.00	0.00	0.00	0.00	0.00	14.000	0.600	7.	448.	3.	0.
17	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.250	0.000	7.	206.	3.	0.
18	0.60	0.00	0.00	0.00	0.00	0.00	0.50	0.60	0.00	0.00	0.00	0.00	10.000	0.600	12.	247.	3.	0.
19	0.00	0.00	0.00	0.00	0.20	0.20	0.20	0.20	0.20	0.00	0.00	0.00	10.250	0.000	7.	269.	3.	0.
20	0.60	0.00	0.00	0.00	0.60	0.60	0.60	0.60	0.60	0.00	0.00	1.60	12.000	0.600	7.	296.	3.	0.
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.
THINNING	0.60	0.00	0.60	16.26	0.00	0.60	0.00	0.60	0.00	0.00	0.00	0.00	5.250	0.000	8.	339.	3.	0.
25	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.	352.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												A CREW		POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE			CODE
26	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.
27	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	9.00	0.000	0.000	4.	102.	4.	0.
28	1.60	0.00	0.00	0.00	0.60	0.60	1.00	0.60	0.00	0.00	0.00	0.00	0.000	0.000	4.	91.	4.	0.
30	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	SYSTM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49	0.60	0.00	0.00	2.50	2.50	0.60	0.00	6.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	21.	53.	70.
50	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			
52	FARM SHOP												1.000	0.250	0.	1.	5.	0.	
53	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	50.00	0.0	0.00												
ENTERPRISE 2-99 REGION/COUNTY 64 UNASSIGNED 00000 MACH COMP 7 IRIG SYST & UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 12																			

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE

FURROW IRRIGATION: 28 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER

LAND OWNER BASIS

MACHINERY COMPLEMENT 7

UPDATED 02/24/83

EQUIPMENT COMPLEMENT 1

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
GENERAL NAME CHANGE--> 99 STONE FRUIT	296 PRE-EMERGE HERB	297 CONTRACT CHISEL	298 CONTRACT PLANT	299 FURIGANT APPL.
393 PAINT	269 WEED CONTROL	448 DISTRICT WATER	394 PAINTING LABOR	352 MISC. LABOR
360 CONTRACT N APPL.	200 BRUSH SHREDDING	206 PEST - DORRANT	339 THINNING	361 CONTR. HERB APPL
MACHINERY NAME CHANGE--> 4 TRACTOR 65HP	102 FURROWER 2SHOVEL	21 IRRIG PUMP 15HP	53 FURROW IRIG SYS*	

RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
MACH COMP CHGS-->78. 2.	8.000000	78. 3.	4000.000000	78.13.	4000.000000	4. 2.	65.000000	4. 3.	2000.000000	4.13.	2000.000000
4.16.	65.000000	*** 2.	8.000000	*** 3.	450.000000	***13.	450.000000	21. 3.	7900.000000	21.13.	7900.000000
21.16.	15.000000	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	53. 2.	1.000000				
EGDAT COMP CHGS-->1. 5.	18000.000000	1. 6.	18000.000000								
PARAMETER CHGS-->10.	5.900000	12.	5.900000	18.	1.000000	28.	0.025000	11.	5.250000		

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
STONE FRUIT	ACRE	1850.000	1.000	1850.00	
TOTAL RECEIPTS:				1850.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRUNING	HOURL	5.250	27.000	141.75	
BRUSH SHREDDING	ACRE	10.000	1.000	10.00	
TIE - MAT&LABOR	TREE	0.520	108.000	56.16	
NITROGEN	LBS.	0.340	108.000	36.72	
CONTRACT N APPL.	APLC	3.500	2.000	7.00	
DISTRICT WATER	ACRE	14.000	1.000	14.00	
PEST - DORRANT	ACRE	35.600	1.000	35.60	
MITICIDE	LBS.	20.000	0.800	16.00	
WEED CONTROL	ACRE	12.500	1.000	12.50	
PRE-EMERGE HERB	ACRE	12.000	1.000	12.00	
CONTR. HERB APPL	APLC	7.000	1.000	7.00	
THINNING	HOURL	5.250	37.800	198.45	
MISC. LABOR	HOURL	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	1.409	18.000	25.36	
MACHINERY LABOR	HOURL	5.900	22.903	135.13	
IRRIGATION LABOR	HOURL	5.900	9.000	53.10	
INTEREST ON OPERATING CAP.	DOL.	0.14000	360.488	48.98	
TOTAL PREHARVEST COSTS:				959.27	
PREHARVEST COST PER ACRE				959.2680	
HARVEST:					
CONTRACT PICK	ACRE	247.000	1.000	247.00	
CONTRACT HAUL	ACRE	29.000	1.000	29.00	
PACKING CHARGES	ACRE	672.000	1.000	672.00	
SELLING CHARGES	ACRE	185.000	1.000	185.00	
MISC. HARV LABOR	ACRE	7.000	1.000	7.00	
TOTAL HARVEST COSTS:				1140.00	
HARVEST COST PER ACRE				1140.0000	
TOTAL VARIABLE COSTS:				2099.27	
VARIABLE COST PER ACRE				2099.2680	
3. INCOME ABOVE VARIABLE COSTS:					
				-249.27	
INCOME PER ACRE				-249.2680	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				17.87	
REAL PROPERTY TAXES:				50.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				52.48	
TOTAL OVERHEAD:				120.35	
OVERHEAD COST PER ACRE				120.3494	
TOTAL CASH COSTS:				2219.62	
TOTAL CASH COST PER ACRE				2219.6173	
5. INCOME ABOVE ALL CASH COSTS:					
				-369.62	
INCOME PER ACRE				-369.6173	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			61.82	
IRRIGATION SYSTEM	ACRE			4.44	
BUILDINGS	ACRE			25.90	
TOTAL DEPRECIATION:				92.16	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.14000	477.275	66.82	
IRRIGATION SYSTEM		0.14000	45.392	6.35	
BUILDINGS		0.10670	447.131	47.71	
LAND		0.10670	5500.000	586.85	
TOTAL INTEREST CHARGE:				707.73	
TOTAL FIXED COSTS:				799.89	
FIXED COST PER ACRE				799.8929	
7. TOTAL OF ABOVE COSTS:					
				3019.51	
TOTAL COST PER ACRE				3019.5102	
8. NET RETURNS:					
				-1169.51	
NET RETURNS PER ACRE				-1169.5102	

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 259
 4TH YEAR ESTABLISHMENT COSTS FOR STONE FRUIT ORCHARD
 SOUTHERN SAN JOAQUIN VALLEY 1983
 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	9.190 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.200	
DISC-OFFSET	2.145	TRACTOR 65HP
FURROWER 2SHOVEL	1.966	TRACTOR 65HP
SPD SPRYR 500 GA	0.787	TRACTOR 65HP
FURROW IRRIG SYS*	165.415 (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
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 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
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	30.326	30.326	0.000	0.000	75.356	29.407	0.000	0.000	0.000	165.415	KWH
TOTALS	5.787	5.000	6.966	35.326	39.437	5.000	9.898	80.356	34.407	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
 165.42 KWHRS

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

BASED ON 10 ACRES OF A 40 ACRE ORCHARD - 108 TREES/ACRE
 FURROW IRRIGATION: 36 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER
 LAND OWNER BASIS - ASSUMING YIELD OF 1/3 AVERAGE PRODUCTION UPDATED 02/28/83
 DATE PRINTED: 02/28/83

MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 259
 4TH YEAR ESTABLISHMENT COSTS FOR STONE FRUIT ORCHARD
 SOUTHERN SAN JOAQUIN VALLEY 1983
 J. LARUE, F. YOSHIKAWA, B. BEEDE, AND K. KLONSKY

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	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
DISC-OFFSET	4, 78	MAY	1.00	0.756	0.625	4.64	11.31
FURROWER 2SHOVEL	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
DISC-OFFSET	4, 78	JULY	1.00	0.756	0.625	4.64	11.31
FURROWER 2SHOVEL	4, 102	JULY	1.00	0.693	0.573	3.25	7.01
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

INSUFFICIENT STORAGE FOR 00016E 152 MISC.HARV LABOR

STORED DATA PAGE (NO CALCULATIONS) FOR STONE FRUIT

BUDGET RECORD NUMBER 259

4TH YEAR ESTABLISHMENT COSTS FOR STONE FRUIT ORCHARD
SOUTHERN SAN JOAQUIN VALLEY 1983
J. LARUE, F. YOSHIKAWA, B. BEEDE, AND K. KLONSKY

COSTS AND RETURNS WILL BE
DIVIDED BY 1.0 ACRE
TO OBTAIN PER ACRE COSTS

LINE PRODUCTION	NUMBER OF UNITS												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	XXXX	
	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC							
1 STONE FRUIT	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.	99.	2.	0.
OPERATING INPUTS													PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE	
6 PRUNING	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	10.000	0.000	7.	200.	3.	0.
11 TIE - MAT&LABOR	0.00	108.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.520	0.000	24.	342.	3.	0.
14 NITROGEN	0.00	0.00	0.00	0.00	36.70	0.00	0.00	0.00	0.00	71.30	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	0.00	1.00	0.00	0.00	0.00	3.300	0.000	34.	300.	3.	0.
16 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	0.00	14.000	0.000	7.	448.	3.	0.
17 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	0.00	35.600	0.000	7.	206.	3.	0.
18 MITICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	20.000	0.000	12.	247.	3.	0.
19 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	0.00	12.500	0.000	7.	269.	3.	0.
20 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	1.00	12.000	0.000	7.	296.	3.	0.
21 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	0.00	1.00	7.000	0.000	34.	297.	3.	0.
22 THINNING	0.00	0.00	0.00	37.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	8.	339.	3.	0.
25 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.	352.	3.	0.	
30 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	0.00	247.000	0.000	7.	298.	3.	9.
CONTRACT HAUL	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	29.000	0.000	7.	299.	3.	9.
32 PACKING CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	672.000	0.000	7.	393.	3.	9.
33 SELLING CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	185.000	0.000	7.	394.	3.	9.
34 MISC.HARV LABOR	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	7.000	0.000	7.	152.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV		
														LABOR	UNIT	CODE	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	0.00	0.000	0.000	4.	78.	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	0.00	0.000	0.000	4.	102.	4.	0.
37 SPD SPRYR 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	0.00	0.000	0.000	4.	91.	4.	0.
38 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	25.00	0.000	0.000	0.	14.	4.	0.
														SHARE	SHARE	POWER	SYSM	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	3.30	3.30	0.00	0.00	8.20	3.20	0.00	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	0.00						

EQUIPMENT REQUIREMENTS									NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
									UNITS	OF COST		CODE		CODE
52 FARM SHOP									1.000	0.250	0.	1.	5.	0.
53 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	50.00	0.0	0.00							
ENTERPRISE 2-99 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 - 108 TREES/ACRE
 FURROW IRRIGATION: 36 AC.IN. TOTAL 50% DISTRICT WATER, 50% WELL WATER MACHINERY COMPLEMENT 7
 LAND OWNER BASIS ASSURING YIELD OF 1/3 AVERAGE PRODUCTION 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			
	99 STONE FRUIT		296 PRE-EMERGE HERB		297 CONTR. HERB APPL		298 CONTRACT PICK		299 CONTRACT HAUL			
	393 PACKING CHARGES		269 WEED CONTROL		448 DISTRICT WATER		394 SELLING CHARGES		352 MISC. LABOR			
	300 CONTRACT N APPL.		200 BRUSH SHREDDING		206 PEST - DORMANT		339 THINNING		342 TIE - MAT&LABOR			
MACHNRY NAME CHANGE-->	4 TRACTOR 65HP		102 FURROWER 2SHOVEL		21 IRRIG PUMP 15HP		53 FURROW IRRIG SYS*					
	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
MACH COMP CHGS-->	78. 2.	8.000000	78. 3.	4000.000000	78.13.	4000.000000	4. 2.	65.000000	4. 3.	20000.000000	4.13.	20000.000000
	4.16.	65.000000	*** 2.	8.000000	*** 3.	450.000000	***13.	450.000000	21. 3.	7900.000000	21.13.	7900.000000
	21.16.	15.000000	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	53. 2.	1.000000				
EGDAT COMP CHGS-->	1. 5.180000	0.000000	1. 6.180000	0.000000								
PARAMETER CHGS-->	10. 5.900000	12.	5.900000	18.	1.000000	28.	0.025000	11.	5.250000			

CASH FLOW & INVESTMENT SUMMARY FOR STONE FRUIT

BUDGET RECORD NUMBER 259

4TH YEAR ESTABLISHMENT COSTS FOR STONE FRUIT ORCHARD

SOUTHERN SAN JOAQUIN VALLEY 1983

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	1850.00	0.00	0.00	0.00	0.00	0.00	1850.00
OPERATING EXPENSES														
PRUNING	\$/AC	141.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.75
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
TIE - MAT&LABOR	\$/AC	0.00	56.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.16
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	12.48	0.00	0.00	0.00	0.00	24.24	0.00	0.00	36.72
CONTRACT N APPL.	\$/AC	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	3.50	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
PEST - DORMANT	\$/AC	35.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.60
MITICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	16.00
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
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
THINNING	\$/AC	0.00	0.00	0.00	198.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198.45
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	247.00	0.00	0.00	0.00	0.00	0.00	247.00
CONTRACT HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	29.00	0.00	0.00	0.00	0.00	0.00	29.00
PACKING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	672.00	0.00	0.00	0.00	0.00	0.00	672.00
SELLING CHARGES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	185.00	0.00	0.00	0.00	0.00	0.00	185.00
MISC. HARV LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00	7.00
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	14.26	4.24	1.20	7.61	1.45	0.47	0.02	5.68	3.64	5.72	1.69	2.98	48.98
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	101.52
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	4.65	4.65	0.00	0.00	11.55	4.51	0.00	0.00	0.00	25.36
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	224.55	79.32	27.51	235.54	65.83	40.74	1216.70	50.46	35.53	61.49	20.62	40.96	2099.27

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	0.00	0.00	0.00	3.30	3.30	0.00	0.00	0.20	3.20	0.00	0.00	0.00	18.00

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	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.	0.81	1.69	0.50	3.00	20.62	0.31	1.80	22.73	18.000
FURROW IRIG SYS*	53	1.0	14300.	10.	5000.	3.63	4.67	1.16	9.45	0.00	0.05	2.58	2.63	18.000
MISC-OFFSET	78	8.0	4000.	15.	100.	4.52	5.75	1.69	11.96	0.00	0.07	3.70	3.77	1.875
OPD 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	0.00	0.01	0.44	0.45	1.719
FARM SHOP	1		4500.	35.		11.57	26.41	4.50	42.48	4.50		0.19	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.			92.16	120.86	27.10	240.14	110.47	13.29	30.12	153.88	