

TITLE: SAMPLE COSTS TO PRODUCE SANTA ROSA PLUMS
 SOUTHERN SAN JOAQUIN VALLEY 1976
 FRESH SHIPMENT 400 CARTONS PER ACRE -- 27 LBS/CTN

Plums #337

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
PLUMS	CTNS	4.500	400.000	\$ 1800.00	
TOTAL RECEIPTS:				\$ 1800.00	
2. VARIABLE COSTS:					
PREHARVEST:					
TREE TOPPING CTR	ACRE	25.000	1.000	25.00	
PRUNING	TREE	1.500	108.000	162.00	
BRUSH REMOVAL	ACRE	6.500	1.000	6.50	
NITROGEN	LBS.	0.300	100.000	30.00	
CHEMICAL APPLIC	GAL.	0.025	900.000	22.50	
THINNING	TREE	1.500	108.000	162.00	
SEASONAL LABOR	HOUR	3.300	3.000	9.90	
GRASS KILLER	ACRE	15.340	1.000	15.34	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			13.64	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			13.17	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			2.43	
IRRIGATION POWER COST	ACRE			50.16	
IRRIGATION (LUBE-REPAIRS)	ACRE			10.71	
IRRIGATION WATER APPLIED	ACIN	1.449	42.000		
MACHINERY LABOR	HOUR	5.100	5.957	30.38	
IRRIGATION LABOR	HOUR	4.250	10.500	44.63	
INTEREST ON OPERATING CAP.	DOL.	0.086	274.020	23.42	
TOTAL PREHARVEST COSTS:				\$ 621.77	
PREHARVEST COST PER CTNS				\$ 1.55	
HARVEST:					
HAND HARVEST	CTNS	1.250	400.000	500.00	
CUSTOM HAULING	CTNS	0.100	400.000	40.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	180.000	15.53	
TOTAL HARVEST COSTS:				\$ 555.53	
HARVEST COST PER CTNS				\$ 1.39	
TOTAL VARIABLE COSTS:				\$ 1177.30	
VARIABLE COST PER CTNS				\$ 2.94	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CTNS				\$ 622.70	
				\$ 1.56	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 60.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				29.43	
TOTAL CASH OVERHEAD:				\$ 89.43	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CTNS				\$ 533.27	
				\$ 1.33	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			28.90	
IRRIGATION SYSTEM	ACRE			14.06	
BUILDINGS	ACRE			8.91	
TREES, VINES OR STAND	ACRE			48.77	
TOTAL DEPRECIATION:				\$ 100.63	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.086	309.166	26.68	
IRRIGATION SYSTEM		0.086	144.579	12.48	
BUILDINGS		0.086	170.406	14.71	
TREES, VINES OR STAND		0.086	1463.000	126.26	
LAND		0.083	1700.000	140.25	
TOTAL INTEREST CHARGE:				\$ 320.37	
TOTAL FIXED COSTS:				\$ 421.00	
FIXED COST PER CTNS				1.05	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER CTNS				\$ 1687.74	
				4.22	
8. NET RETURNS:					
NET RETURNS PER CTNS				\$ 112.26	
				0.28	

Historical File - 1976 Budget

FURROW IRRIGATION OF MATURE ORCHARD
 25% OF CROP CULLED
 PACKING & SELLING CHARGES NOT INCLUDED

AUTHOR: COOP-EXT
 DATE: 01/28/78

BUDGET IDENTIFICATION NUMBER 2591500720 762 1
 DATE PRINTED: 03/22/79

BUDGET RECORD NUMBER 337
 HARVEST MONTH: 12

BUDGET IDENTIFICATION NUMBER 2591500720 762 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 337

SAMPLE COSTS TO PRODUCE SANTA ROSA PLUMS
 SOUTHERN SAN JOAQUIN VALLEY 1976
 FRESH SHIPMENT 400 CARTONS PER ACRE -- 27 LBS/CTN

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

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
	NUMBER OF UNITS																	
1 PLUMS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	4.500	0.000	28.	59.	2.	0.
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE	CODE	CODE
6 TREE TOPPING CTR	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.000	0.000	7.	299.	3.	0.
7 PRUNING	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.00	1.500	0.000	24.	340.	3.	0.
8 BRUSH REMOVAL	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.500	0.000	7.	313.	3.	0.
9 NITROGEN	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.300	0.000	12.	211.	3.	0.
10 CHEMICAL APPLIC	450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.025	0.000	5.	360.	3.	0.
11 THINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.00	1.500	0.000	24.	339.	3.	0.
12 HAND HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	1.250	0.000	28.	347.	3.	9.
13 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.100	0.000	28.	306.	3.	9.
14 SEASONAL LABOR	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	3.300	0.000	8.	330.	3.	0.
15 GRASS KILLER	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	15.340	0.000	7.	253.	3.	0.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M	CREW	POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE	CODE	CODE	CODE
26 BUCK RAKE(BRUSH)	0.30	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	128.	4.	0.
27 FERTILIZER APLIC	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	85.	4.	0.
28 FURROWER 4SHOVEL	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	102.	4.	0.
29 DISC-TANDEM	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.000	0.000	10.	82.	4.	0.
30 WD SPRYR 200 GAL	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	5.	88.	4.	0.
31 PICKUP 1/2 TON	2.00	2.00	0.00	1.00	1.00	1.00	2.00	3.00	0.00	0.00	0.00	1.00	0.000	0.000	0.	14.	4.	0.
													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFF	
49 ACIN IRRIG WATER	0.00	0.00	0.00	6.00	12.00	12.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.	53.	200.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE	CODE	CODE	CODE
51 FARM SHOP	1.000	0.500	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.500	0.	4.	5.	0.
53 FUEL TANK 550 GAL	2.000	0.500	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	80.00	1700.00	60.00	30.0 2926.00

FURROW IRRIGATION OF MATURE ORCHARD
 25% OF CROP CULLED
 PACKING & SELLING CHARGES NOT INCLUDED

AUTHOR: COOP-EXT
 DATE: 01/28/78

MACHINERY COMPLEMENT 7
 EQUIPMENT COMPLEMENT 1

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE							
GENERAL NAME CHANGE->	TREE TOPPING CTR										
RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
PARAMETER CHGS-->	1.		3.300000								

IDENTIFICATION NUMBER 2591500720 762 1 HARVEST MONTH 12 BUDGET RECORD NUMBER 337
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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	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	1800.00
OPERATING EXPENSES														
TREE TOPPING CTR	\$/AC	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
PRUNING	\$/AC	114.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.00	162.00
BRUSH REMOVAL	\$/AC	0.00	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50
NITROGEN	\$/AC	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
CHEMICAL APPLIC	\$/AC	11.25	0.00	0.00	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50
THINNING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162.00	162.00
HAND HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	500.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	40.00
SEASONAL LABOR	\$/AC	0.00	0.00	0.00	3.30	0.00	3.30	3.30	0.00	0.00	0.00	0.00	0.00	9.90
GRASS KILLER	\$/AC	0.00	0.00	0.00	0.00	0.00	15.34	0.00	0.00	0.00	0.00	0.00	0.00	15.34
MACHINE LABOR COST	\$/AC	3.16	6.55	0.00	5.31	2.23	4.36	5.61	2.85	0.00	0.00	0.00	0.31	30.38
INTEREST ON OPER. CAP.	\$/AC	12.33	1.25	0.00	3.92	1.74	2.41	1.57	15.73	0.00	0.00	0.00	0.00	38.95
TRACTOR COST	\$/AC	1.02	2.38	0.00	2.58	1.15	2.39	2.96	1.15	0.00	0.00	0.00	0.00	13.64
EQUIPMENT COST	\$/AC	1.68	1.81	0.00	1.27	1.24	1.20	2.37	2.82	0.00	0.00	0.00	0.79	13.17
BLDG OPER. COST	\$/AC	0.30	0.30	0.00	0.30	0.30	0.30	0.30	0.30	0.00	0.00	0.00	0.30	2.43
IRRIGATION COST	\$/AC	0.00	0.00	0.00	8.69	17.39	17.39	17.39	0.00	0.00	0.00	0.00	0.00	60.86
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	6.38	12.75	12.75	12.75	0.00	0.00	0.00	0.00	0.00	44.63
TOTAL EXPENSES	\$/AC	168.74	18.80	0.00	73.60	36.81	59.44	46.26	562.86	0.00	0.00	0.00	211.40	1177.30

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.62	1.28	0.00	1.04	0.44	0.86	1.10	0.56	0.00	0.00	0.00	0.06	5.96
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.50	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	10.50
IRRIG. WATER APPLIED	ACTN	0.00	0.00	0.00	6.00	12.00	12.00	12.00	0.00	0.00	0.00	0.00	0.00	42.00

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 \$INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 50 HP	4	50.0	13300.	15.	300.	4.42	4.24	0.93	9.59	2.05	0.31	1.81	4.17	1.856
TRACTOR 80 HP	5	80.0	17300.	15.	300.	5.63	5.41	1.18	12.22	3.21	0.48	2.31	6.01	1.818
CRAWLER 65 HP	10	65.0	53000.	15.	200.	14.67	14.09	3.07	31.83	1.73	0.26	1.48	3.46	1.031
PICKUP 1/2 TON	14	0.5	7500.	7.	435.	1.19	0.61	0.13	1.93	8.58	1.29	0.40	10.26	0.650
IRR PUMP 75 HP*	23	2.0	11388.	25.	3200.	2.74	3.50	0.84	7.07	58.16	0.75	1.74	52.65	21.000
SURFACE IRR SYS*	53	2.0	38250.	10.	5000.	11.32	8.98	1.81	22.11	0.00	0.16	8.05	8.21	21.000
DISC-TANDEM	82	10.0	2700.	15.	120.	1.27	1.00	0.24	2.51	0.00	0.03	1.32	1.35	0.938
FERTILIZER APPLIC	85	10.0	800.	15.	60.	0.25	0.20	0.05	0.50	0.00	0.00	0.13	0.13	0.313
WD SPRYR 200 GAL	88	35.0	1700.	15.	60.	0.27	0.21	0.05	0.54	0.00	0.00	0.06	0.06	0.160
FURROWER 4SHOVEL	102	6.5	1200.	15.	140.	0.77	0.61	0.14	1.52	0.00	0.02	1.02	1.04	1.493
BUCK RAKE(BRUSH)	128	6.0	1000.	15.	200.	0.41	0.33	0.08	0.82	0.00	0.01	0.32	0.33	1.375
FARM SHOP	2		18000.	35.		5.79	10.68	2.53	19.00	2.25		0.10	2.35	
SHOP TOOLS&EQUIP	4		5250.	15.		3.06	3.66	0.74	7.48	0.00		0.09	0.09	
FUELTANK 550 GAL	18		400.	30.		0.07	0.35	0.06	0.47	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 171788.
 MACHINERY & EQUIPMENT 2147.
 INVESTMENT PER ACRE

FURROW IRRIGATION OF MATURE ORCHARD
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