

PR-SV-78

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
PEARS	TON	159.000	10.000	1590.00	
<b>TOTAL RECEIPTS:</b>				\$ 1590.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PRUNING	TREE	2.000	108.000	216.00	
INSECTICIDE	AFLC	18.000	5.000	90.00	
COPPER SULFATE	AFLC	3.250	4.000	13.00	
BLIGHT CONTROL	HR	3.250	5.000	16.25	
NITROGEN	LBS.	0.280	150.000	42.00	
IRRIG DIST WATER	ACIN	1.700	24.000	40.80	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			9.50	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			22.68	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			6.53	
IRRIGATION POWER COST	ACRE			13.12	
IRRIGATION (LUBE-REPAIRS)	ACRE			74.84	
IRRIGATION WATER APPLIED	ACIN	3.665	24.000		
MACHINERY LABOR	HR	5.100	8.820	44.98	
IRRIGATION LABOR	HR	4.250	0.500	2.13	
INTEREST ON OPERATING CAP.	DOL.	0.086	252.042	21.31	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 613.13	
<b>PREHARVEST COST PER TON</b>				\$ 61.31	
<b>HARVEST:</b>					
CUSTOM HARVEST	TON	16.000	10.000	160.00	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			5.53	
MACHINERY LABOR	HR	5.100	6.000	30.60	
INTEREST ON OPERATING CAP.	DOL.	0.086	8.172	0.71	
<b>TOTAL HARVEST COSTS:</b>				\$ 196.84	
<b>HARVEST COST PER TON</b>				\$ 19.68	
<b>TOTAL VARIABLE COSTS:</b>				\$ 809.97	
<b>VARIABLE COST PER TON</b>				\$ 81.00	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER TON</b>				\$ 780.03	
				\$ 78.00	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				42.79	
<b>MISC. OFFICE &amp; BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)</b>				20.25	
<b>TOTAL CASH OVERHEAD:</b>				\$ 63.04	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER TON</b>				\$ 716.99	
				\$ 71.70	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			41.21	
IRRIGATION SYSTEM	ACRE			14.36	
BUILDINGS	ACRE			26.90	
TREES, VINES OR STAND	ACRE			50.00	
<b>TOTAL DEPRECIATION:</b>				\$ 132.47	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.086	399.351	34.46	
IRRIGATION SYSTEM		0.086	188.158	16.24	
BUILDINGS		0.086	459.450	39.63	
TREES, VINES OR STAND		0.086	750.000	64.72	
LAND		0.083	1500.000	123.75	
<b>TOTAL INTEREST CHARGE:</b>				\$ 278.83	
<b>TOTAL FIXED COSTS:</b>				\$ 411.30	
<b>FIXED COST PER TON</b>				41.13	
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER TON</b>				\$ 1284.31	
				128.43	
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER TON</b>				\$ 305.69	
				30.57	

BASED ON 60 ACRE ORCHARD 108 TREES/ACRE  
 SPRINKLER IRRIGATED

UC Cooperative Extension

UPDATED 11/10/78

IDENTIFICATION NUMBER 2574800420 732 1  
 COSTS FOR PRODUCING PEARS  
 SOLANO COUNTY  
 YIELD 10 TONS

HARVEST MONTH 8

BUDGET RECORD NUMBER 387

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	795.00	795.00	0.00	0.00	0.00	0.00	1590.00
OPERATING EXPENSES														
PRUNING	\$/AC	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	216.00
INSECTICIDE	\$/AC	18.00	0.00	0.00	18.00	18.00	18.00	18.00	18.00	0.00	0.00	0.00	0.00	70.00
COPPER SULFATE	\$/AC	0.00	0.00	0.00	6.50	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00
BLIGHT CONTROL	\$/AC	0.00	0.00	0.00	0.00	16.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.25
NITROGEN	\$/AC	0.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.00
IRRIG DIST WATER	\$/AC	0.00	0.00	10.20	10.20	10.20	10.20	0.00	0.00	0.00	0.00	0.00	0.00	40.80
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	80.00	80.00	0.00	0.00	0.00	0.00	160.00
MACHINE LABOR COST	\$/AC	1.84	10.32	4.25	4.25	6.66	6.66	17.14	17.14	1.84	1.84	1.84	1.84	75.58
INTEREST ON OPER. CAP.	\$/AC	4.69	5.49	1.43	1.85	1.81	0.89	0.88	0.02	0.26	0.23	0.20	4.26	22.01
TRACTOR COST	\$/AC	0.00	3.04	1.08	1.08	2.15	2.15	0.00	0.00	0.00	0.00	0.00	0.00	9.50
EQUIPMENT COST	\$/AC	2.06	1.62	1.79	2.57	3.07	3.07	4.83	4.05	1.29	1.29	1.29	1.29	28.21
BLDG OPER. COST	\$/AC	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	6.53
IRRIGATION COST	\$/AC	0.00	0.00	21.99	21.99	21.99	21.99	0.00	0.00	0.00	0.00	0.00	0.00	87.96
IRRIG LABOR COST	\$/AC	0.00	0.00	0.53	0.53	0.53	0.53	0.00	0.00	0.00	0.00	0.00	0.00	2.13
TOTAL EXPENSES	\$/AC	99.13	135.81	41.81	67.51	87.71	64.04	121.39	101.75	3.92	3.90	3.87	79.93	809.97

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.36	2.02	0.83	0.93	1.31	1.31	3.36	3.36	0.36	0.36	0.36	0.36	14.82
IRRIGATION LABOR	HR/AC	0.00	0.00	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00

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 35 HP	3	35.0	8300.	15.	300.	2.25	2.16	0.47	4.87	1.84	0.28	0.92	3.04	1.513
TRAC 4WD 50 HP	7	50.0	16700.	15.	300.	7.71	7.40	1.61	16.72	3.32	0.50	2.64	6.46	2.578
TRUCK 1 1/2 TON	12	1.5	11000.	10.	360.	4.68	2.73	0.62	8.03	5.64	0.85	3.04	9.53	1.800
PICKUP 1/2 TON	14	0.5	7500.	7.	435.	3.30	1.68	0.35	5.33	4.18	0.63	1.10	5.90	1.800
FORKLIFT*	20	2.0	9500.	15.	200.	12.75	12.24	2.67	27.67	2.92	0.44	2.17	5.53	5.000
IRR PUMP 50 HP*	22	2.0	8800.	25.	3200.	1.21	1.54	0.57	3.12	13.12	0.20	0.77	14.09	12.000
PERM SET SPRINK*	57	2.0	125750.	20.	5000.	13.15	14.69	3.40	31.24	0.00	1.45	72.43	73.88	12.000
DISC-OFFSET	77	8.0	2400.	13.	125.	2.71	2.13	0.51	5.35	0.00	0.06	2.97	3.03	2.344
SPD SPYR 300 GAL	91	35.0	15000.	15.	80.	7.40	5.81	1.38	14.59	0.00	0.08	3.82	3.90	0.655
BUCK RAKE (BRUSH)	128	6.0	1000.	15.	200.	0.41	0.53	0.08	0.82	0.00	0.01	0.32	0.33	1.375
FARM SHOP	2		36000.	35.		15.43	28.48	6.75	50.66	6.00		0.26	6.26	
SHOP TOOLS&EQUIP	4		10500.	15.		0.17	9.82	1.97	19.95	0.00		0.23	0.23	
MISCL ORCH EQUIP	55		1500.	8.		2.81	1.19	0.28	4.28	0.00		0.03	0.83	
FRUIT LADDER 12'	58		234.	8.		0.49	0.17	0.04	0.70	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 254184.  
 MACHINERY & EQUIPMENT 4236.  
 INVESTMENT PER ACRE 82.47 90.35 20.50 193.32 37.02 4.47 90.71 132.20

BASED ON 60 ACRE ORCHARD 108 TREES/ACRE  
 SPRINKLER IRRIGATED

UPDATED 11/10/78

Date printed 3/22/79

UC Cooperative Extension