

SAMPLE COSTS TO PRODUCE PEARS, SOLANO COUNTY

Common Labor \$1.25	*30 HP track tractor, Gas, Fuel & Repair \$1.56	Annual Use	300 hrs.
10 Acres of Pears on a 40 Acre Fruit Farm	30 HP wheel tractor, Gas, Fuel & Repair \$1.23	Annual Use	200 hrs.
75 trees per Acre	Speed sprayer - - - - - Repair \$2.75	Annual Use	100 hrs.
Yield: 10 Tons per Acre	** $\frac{1}{2}$ ton pickup truck \$.06 per mile		5,000 miles
	$\frac{1}{2}$ ton truck - - - - - Gas, Fuel & Repair \$1.67	Annual Use	600 hrs.

Operation	Hrs./ Acre	Labor	Fuel & Repairs	Materials	Total	Acres	Ton
1. Prune - 75 trees @ 90¢	(48)	\$ 67.50	---	---	67.50		
2. Brush	2	2.50	\$ 1.56	---	4.06		
3. Spray - 9 times	8	10.00	34.48	\$83.50	127.98		
4. Blight Cutting	5	6.25	---	---	6.25		
5. Fertilize	0.5	1.62	0.78	10.50 N84# @ 0.125	11.90		
6. Cultivate - 3 times one way	6.4	8.00	9.98	---	17.98		
7. Preparing to irrigate	3	3.75	3.12	---	6.87		
8. Irrigate - 3 times with 10"	6	7.50	---	16.68	24.18		
9. Taxes - county, \$27.50 Social Security		\$9.00	9.00	---	36.50		
10. Harvest - pick, sort, haul & supervision @ \$15 per ton (125)		150.00	---	---	150.00		
11. Insurance - General \$7.00 Workman's Comp.		12.00	---	7.00	19.00		
12. Misc. - Interest, office expense pickup truck, replanting, cover- 10 crop, equipment repair, hoeing, etc.		12.50	8.00	22.89	43.39		
CASH COST		289.62	57.92	168.07	515.61		51.56

	INVESTMENT Per Acre	YEARS LIFE	DEPRECIATION (ANNUAL COST)	INTEREST @ 6%
Land	1,000.00	----	None	60.00
Trees	1,500.00	40	37.50	45.00
Irrigation Equip.	11.00	10	1.10	0.33
Equipment	362.50	15	24.17	10.87
Buildings	112.50	20	5.63	3.38
Total	\$2,986.00		\$68.40	\$119.58

OVERHEAD COST 187.98 18.80

MANAGEMENT CHARGE 5% of Gross Income 10 ton @ \$75.00 37.50 3.75

TOTAL COST 741.09 74.11

** Taken from "Estimating Truck Costs" by A. Shultis, December, 1961

* Taken from "Estimating Tractor Costs" by A. Shultis, July, 1961

SAMPLE OF COST OF PEAR PRODUCTION

University of California
 Agricultural Extension
 Solano County, Fairfield, California
 Prepared by James E. DeFar and A. D. Reed
 January, 1963

1. Prune - Contract
2. Brush - Man 2 hrs. Tractor and brush rake - 1 hr.
3. Spray 9 sprays include: (1) dormant lime sulfur-oil (2) delayed dormant dieldrin (3) Copper (4) Guthion-Copper-wettable sulfur (5) Copper (6) Copper (7) Guthion (8) hormone-Sevin-Kelthane (9) Lima sulfur-wettable sulfur. 500 gallons per acre.
5. Fertilize - Ammonium sulfate. 400 lbs. per acre.
6. Cultivation - Both ways in spring and after each of 3 irrigations. Rate of 0.8 hrs. per acre.
7. Prepare to irrigate - furrowing 2 hrs. and laying pipe 1 hr.
8. Irrigate - furrow with SFD water, includes tax.
10. Harvest - Based on 2000 lbs. fruit per man-day. Pick, \$9.00, Sort, \$2.00, Haul \$3.00

13. Overhead - Assuming the following equipment and buildings:

EQUIPMENT		BUILDINGS		IRRIGATION	
30HP Gas track tractor	\$4,000	Bunkhouse for 10 men (old)	\$1500	Pipe 880'-6"	440
30HP Gas wheel tractor		Employee home (old)	1500	surface (used)	440
(used) with forklift	2,000	Machine shed	1500		
Sprayer	4,000				
Truck (used)	1,000				
Pickup (used)	1,000				
Disc	800				
Furrower	300				
Ridger	200				
Roller	200				
Ladders	150				
Bags and buckets	50				
Fertilizer spreader	200				
Brush rake	600				
	<u>\$14,500.</u>				

Interest figured on half the original cost. Depreciation on straight line with no salvage value