

PEARS  
SAMPLE COST  
TO  
PRODUCE  
IN  
SOLANO COUNTY

COOPERATIVE EXTENSION  
UNIVERSITY OF CALIFORNIA

PREPARED BY

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1975

SAMPLE COSTS TO PRODUCE PEARS

Solano County - 1975

Labor @ \$2.60 per hour and \$3.25 including social security, compensation, insurance & housing  
Based on a 60 acre orchard - 108 trees per acre - Yield - 10 tons

Operation	Hours Per Acre	Cash and labor cost per acre				Total
		Labor	Fuel and Repairs	Materials		
				Kind and Quantity	Cost	
<b>Cultural costs</b>						
Prune 108 trees @ \$1.85		199.80	2.00			201.80
Brush disposal	2.0	6.50	2.90			9.40
Spray 5 times	2.5	8.12	25.75	Material	90.00	123.87
Dust 4 times	2.0	6.50	20.60	Material	13.00	40.10
Blight cutting	5.0	16.25				16.25
Fertilize	.5	1.63	.60	Nitrogen - 150 lbs. @ 25¢	37.50	39.73
Cultivate - 8 times	4.0	13.00	15.20			28.20
Irrigate - 4 times	8.0	20.80	2.50	Water - 2' @ \$8	4.00	
				Power - 2' @ \$4.65	9.30	
				Irrigation District Tax	10.50	
				Stand-by charge	14.00	61.10
Miscellaneous	2.0	5.20	3.00		6.00	14.20
<b>TOTAL CULTURAL COSTS</b>		<b>277.80</b>	<b>72.55</b>		<b>184.30</b>	<b>534.65</b>
<b>Harvest Costs</b>						
Contract 10 ton @ \$16.00					160.00	
<b>TOTAL HARVEST COSTS</b>						<b>160.00</b>
<b>Cash overhead</b>						
Misc., office, etc.					41.45	
Taxes					72.00	
<b>TOTAL CASH OVERHEAD</b>						<b>113.45</b>
<b>TOTAL CASH COST</b>		<b>277.80</b>	<b>72.55</b>		<b>457.75</b>	<b>808.10</b>
Cash cost per ton @ 10 ton yield						80.81
Management 5% of 10 tons @ \$170						85.00
<b>INVESTMENT</b>						
	<b>Per Acre</b>			<b>Annual Cost</b>		
				Depreciation	Interest - 8%	
Land	1400				112.00	
Trees - 15 yrs	1500			100.00	120.00	
Irrigation system 20 yrs	200			10.00	8.00	
Buildings - 20 yrs	100			5.00	4.00	
Equipment - 10 yrs	1185			118.50	47.40	
<b>Total</b>	<b>4295</b>			<b>233.50</b>	<b>291.40</b>	<b>524.90</b>
<b>TOTAL COST PER ACRE</b>						<b>1418.00</b>
<b>Cost per ton @ 10 ton yield</b>						<b>141.80</b>

## NEW EQUIPMENT INVESTMENT FOR PEAR PRODUCTION

<u>Item</u>	<u>Cost</u>	<u>Operation cost per hour</u>
Tractor - 40 h.p. track	\$24,750	2.95
30 h.p. wheel	7,200	1.30
Bush rake	750	.15
Sprayer - 500 gallon	14,000	7.40
Disc - 9'	1,900	.85
Ladders	480	
Bags and Buckets	120	
Forklift	7,200	1.65
Pickup	4,500	
Truck	7,000	
Miscellaneous	<u>3,200</u>	
<b>TOTAL INVESTMENT</b>	<b>\$71,100</b>	
Per acre on 60 acres	<b>\$ 1,185</b>	

### AVERAGE YIELDS, PRICES, AND GROSS INCOME For the period 1961 through 1974\*

<u>YEAR</u>	<u>PEARS CANNED #1</u>	
	<u>Yield per acre</u>	<u>Value per ton</u>
	<u>TONS</u>	<u>DOLLARS</u>
1961	9.2	99.00
1962	13.2	75.00
1963	6.5	110.00
1964	12.8	90.00
1965	2.8	135.00
5 YEAR AVERAGE	<u>8.9</u>	<u>101.80</u>
1966	9.6	80.00
1967	1.2	178.00
1968	8.1	120.00
1969	7.5	92.50
1970	5.6	125.00
5 YEAR AVERAGE	<u>6.4</u>	<u>119.10</u>
1971	7.8	80.00
1972	8.4	110.00
1973	6.8	115.00
1974	5.9	165.00
4 YEAR AVERAGE	<u>7.2</u>	<u>117.50</u>
14 YEAR AVERAGE	7.5	112.46

Calculated Gross income per Acre (average yield and average price) - 843.45

\*Compiled from Agriculture Crop Reports, Solano County Department of Agriculture