

SAMPLE COSTS TO PRODUCE PEARS
CENTRAL COAST COUNTIES - 1975

*San Diego, 1975
Monterey and
Santa Clara Counties*

Based on a 60 acre orchard with a yield of 12 tons per acre, trees 20' x 20' - 108 per acre. Labor \$2.75 unskilled; \$4.50 skilled; includes Social Security and Workmans Compensation.

Operation	Hours Per Acre	Cash and labor cost per acre			
		Labor	Fuel and repairs	Materials Kind and Quantity Cost	Total
CULTURAL COSTS					
Prune @ \$1.25/tree		\$135.00			\$135.00
Blight cutting	10.0	27.50			27.50
Brush disposal	2.0	9.00	2.80		11.80
Cultivate 6x	4.0	18.00	13.00		31.00
Fertilize	0.3	1.50	.70	90 lbs. N @ 30¢ = 27.00	29.20
Irrigate 4x	4.0	11.00	2.00	24" Water = 36.00	49.00
Spray 10x	5.0	22.50	52.25	Material = 120.00	194.75
Misc. (replants, etc.)	4.0	11.00	2.50	8.00	21.50
TOTAL CULTURAL COSTS		\$235.50	\$73.25	\$191.00	\$499.75
Harvest costs					
Pick-contract @ 20.00/ton		\$240.00			\$240.00
Supervision	2.0	9.00			9.00
TOTAL HARVEST COSTS		\$249.00			\$249.00
Cash overhead					
Misc., office, etc.					37.50
Taxes					120.00
TOTAL CASH OVERHEAD					\$157.50
TOTAL CASH COST					906.25
Management 5% of 12 tons @ \$120.00					72.00
INVESTMENT					
	Per Acre	Annual Cost			
Land	\$3,500.00	Depreciation	Interest		\$315.00
Trees	3,600.00	\$120.00	162.00		282.00
Irrigation system	250.00	12.50	11.25		23.75
Buildings	130.00	6.50	5.85		12.35
Equipment	962.50	106.24	43.31		149.55
Total	\$8442.50	\$245.24	\$537.41		\$782.65
TOTAL COST PER ACRE					\$1760.90
Cost per ton @ 12 ton yield					146.74

COST OF PRODUCTION AT VARYING YIELDS

Yield in tons	8	12	16	20
Cash costs	\$ 826.25	\$ 906.25	\$ 936.25	\$1066.25
Overhead	330.65	854.65	878.65	902.65
Total	\$1656.90	\$1760.90	\$1864.90	\$1968.90
Cash costs/ton	103.28	75.52	61.64	53.31
Total cost/ton	207.11	146.74	116.56	98.45

EQUIPMENT INVESTMENT FOR PEAR PRODUCTION
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Item	Cost	Life	Depreciation Per Acre	Cash Cost/hr.
30 h.p. diesel wheel tractor	\$ 6,500	10 yrs.	\$10.83	\$1.25
40 h.p. diesel track layer	14,750	15 "	24.58	2.25
Disc 10'	2,000	10 "	3.33	.90
Sprayer	14,000	15 "	23.33	8.20
Fertilizer Spreader	750	10 "	1.25	.75
Buck rake	750	10 "	1.25	.15
Ladders, buckets	7,000	10 "	11.67	---
Pick up truck	4,000	5 "	13.33	---
2 ton flat bed	8,000	8 "	16.67	---
Total	\$57,750		\$106.24	

Total Investment \$57,750

Per acre on 60 acres 962.50

Depreciation per acre 106.24

Interest per acre 43.31 @ 9% of half purchase price