

UNIVERSITY OF CALIFORNIA
COOPERATIVE EXTENSION

PH-CV-75-2

SAMPLE COST TO PRODUCE CLING PEACHES
in
SACRAMENTO AND SAN JOAQUIN VALLEYS
1975

COSTS PER TON AND NET INCOME PER ACRE

COST PER TON AT VARYING YIELDS

Yield, tons per acre	12	16	20
Cost	\$149	\$120	\$104

NET INCOME PER ACRE AT VARYING PRICES AND YIELDS

Yield (Tons)	Price Per Ton					
	\$115	\$120	\$125	\$130	\$135	\$140
12	-408	-348	-288	-228	-168	-108
16	-80	0	80	160	240	320
20	220	320	420	520	620	720

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SAMPLE COSTS TO PRODUCE CLING PEACHES - 1975

109 Trees Per Acre
Yield: 16 tons No. 1 fruit

Skilled labor \$4.30 per hour
Regular labor \$3.50 per hour

Operation	Hours Per Acre	Fuel and Repairs		Cash and Labor Costs Per Acre		Total
		Labor		Materials Kind and Quantity	Cost	
<u>Cultural Costs</u>						
Prune @ \$1.30 per tree		\$141.70	\$ 2.00			\$ 143.70
Brush removal	2.0	8.60	8.25			16.85
Wire and prop (2M)	4.0	15.00	3.30	Wire	\$ 10.00	28.30
Spray 5X (2M)	5.0	18.75	33.22	Chemicals	90.00	141.97
Fertilizer (2M)	1.0	3.75	3.30	150# N @ 50¢	75.00	82.05
Thin @ \$1.85 per tree		201.65				201.65
Cultivate 4X (2 ways)	4.0	17.20	21.94			39.14
Ridge 4X	.8	3.44	2.86			6.30
Knock ridges	.6	2.58	1.26			3.84
Irrigate 8X	16.0	56.00		Water cost	6.00	62.00
Miscellaneous	3.0	11.70	3.30			15.00
TOTAL CULTURAL COSTS		\$480.37	\$79.43		\$181.00	\$ 740.80
<u>Harvest Costs</u>						
Pick, haul		\$353.40		17-2/3 tons @ \$20/ton		\$ 353.40
Field sorting		35.34		17-2/3 tons @ \$2/ton		35.34
TOTAL HARVEST COSTS		\$388.74				\$ 388.74
<u>Cash Overhead</u>						
Misc., office, etc.						\$ 67.77
Taxes						82.00
Marketing and promotion				\$4.50/ton		72.00
TOTAL CASH OVERHEAD						\$ 221.77
TOTAL CASH COST						\$1351.31
<u>Management and Supervision</u>						
5% of 16 tons @ \$128.50						\$ 102.80
<u>Investment per acre:</u>						
	<u>Per Acre</u>		<u>Annual Cost:</u>	<u>Depreciation</u>	<u>Interest 8%</u>	
Land	\$2000.00				\$160.00	
Trees*	2000.00			\$100.00	80.00	
Irrigation system	275.00			11.00	11.00	
Buildings	85.00			3.40	3.40	
Equipment	723.15			80.33	28.90	
Total	\$5083.15			\$194.73	\$283.30	\$ 478.03
TOTAL COST PER ACRE						\$1932.14
COST PER TON @ 16 ton yield						\$ 120.76

*Based on developing a new peach orchard

MONTHLY CASH FLOW FOR CLING PEACHES

Operation	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Cultural Costs</u>													
Prune	\$143.70	\$47.90	\$47.90										\$47.90
Brush disposal	16.85		8.42	\$ 8.43									
Wire and prop	28.30		14.15					\$14.15					
Spray 5x	141.97			28.39		\$ 28.39			\$56.79			\$28.40	
Fertilizer	82.05		82.05										
Thin	201.65					201.65							
Cultivate	39.14			9.78		9.79		9.78		\$ 9.79			
Ridge & knock down	10.14				\$ 2.53	2.53		2.53		2.55			
Irrigate 8x	62.00			7.75	7.75	7.75	\$ 7.75	7.75	7.75	7.75	\$ 7.75		
Miscellaneous	15.00	5.00						5.00			5.00		
TOTAL CULTURAL COSTS	\$740.80	\$52.90	\$152.52	\$54.35	\$10.28	\$250.11	\$ 7.75	\$39.21	\$64.54	\$20.09	\$12.75	\$28.40	\$47.90
<u>Harvest Costs</u>													
Pick and haul	\$353.40								\$353.40				
Field sorting	35.34								35.34				
<u>Cash Overhead</u>													
Miscellaneous	\$ 67.77	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.64	\$ 5.64	5.64	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65
Taxes	82.00			41.00									41.00
Marketing and Promotion	72.00								72.00				
TOTAL CASH OVERHEAD	\$221.77	\$ 5.65	\$ 5.65	\$46.65	\$ 5.65	\$ 5.65	\$ 5.64	\$ 5.64	\$77.64	\$ 5.65	\$ 5.65	\$ 5.65	\$46.65
TOTAL CASH COSTS	\$1351.31	\$58.55	\$158.17	\$101.00	\$15.93	\$255.76	\$13.39	\$44.85	\$530.92	\$25.74	\$18.40	\$34.05	\$94.55
TOTAL ACCUMULATED CASH COSTS (\$)		58.55	216.72	317.72	333.65	589.41	602.80	647.65	1178.57	1204.31	1222.71	1256.76	1351.31

INVESTMENT FOR CLING PEACH PRODUCTION
100-Acre Enterprise
Sacramento and San Joaquin Valley Area

November 1975 Values

Item	100 Acres		Per Acre		
	Total Costs	Years of Life	Costs	Depreciation	Interest 8%
Land	\$200,000	--	\$2000.00	--	\$160.00
Trees (productive life)	200,000	20	2000.00	\$100.00	80.00
Irrigation well and pump	27,500	25	275.00	11.00	11.00
Storage building	8,500	25	85.00	3.40	3.40
Equipment:					
Tractor, wheel, diesel 60 hp	14,000	10	140.00	14.00	5.60
Tractors, wheel, gasoline 25 hp (3 used at harvest)	6,000	5	60.00	12.00	2.40
Air blast sprayer, 500 gal.	14,000	10	140.00	14.00	5.60
Disc, 10 ft. 6 in.	3,200	10	32.00	3.20	1.28
Springtooth, 10 ft.	1,400	10	14.00	1.40	.56
Ridger	1,000	10	10.00	1.00	.40
Check breaker	275	10	2.75	.28	.08
Brush shredder	2,100	10	21.00	2.10	.84
Drag	500	10	5.00	.50	.20
Pickup truck, 3/4 ton	5,000	10	50.00	5.00	2.00
Truck, 1½ ton (used)	2,000	5	20.00	4.00	.80
Water tank, 600 gal.	500	10	5.00	.50	.20
Pallet wagons, 6	4,500	10	45.00	4.50	1.80
Ladders, 40 @ \$45	1,800	10	18.00	1.80	.72
Props, 6,540 @ \$1 (218/acre on 30 acres)	6,540	10	65.40	6.54	2.62
Wire for trees, 12 gauge 150 lbs. per acre	6,500	10	65.00	6.50	2.60
Shop, tools, etc.	3,000	10	30.00	3.00	1.20
Total Equipment	\$ 72,315	--	\$ 723.15	\$ 80.32	\$ 28.90
TOTAL INVESTMENT	\$508,315	--	\$5083.15	\$194.72	\$283.30