



ESTIMATED
COSTS
OF
GROWING
CUCUMBERS

IN

SAN JOAQUIN COUNTY

UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXTENSION SERVICE
SAN JOAQUIN COUNTY

Prepared By

**Ray C. King
Farm Advisor**

**Phillip S. Parsons
Extension Economist**

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SAMPLE COSTS OF GROWING PICKLING CUCUMBERS, SAN JOAQUIN COUNTY

300 Acre Operation with 50 Acres in Cucumbers

Yield—14 tons per acre (at \$55/ton grade). Hourly labor rates:

Tractor driver, \$1.50; Irrigator, \$1.25; Common, \$1.10

Tractors: 60 H.P. Crawler (\$2.75 per hour operating cost)

30 H.P. Wheel (\$1.10 per hour operating cost)

(55 day harvest season)

February, 1963

CASH AND LABOR COSTS PER ACRE							
Operation	Hours per Acre	Labor	Equipt. Repairs Fuel	Materials, Other Costs	Total	Cost Per Ton	My Costs
PRE-HARVEST							
Subsoil 2X (or plow)	1.5	2.25	4.36		6.61		
Disc 2X	.5	.75	1.53		2.28		
Landplane 2X	1.0	1.50	3.25		4.75		
Disc 2X	.5	.75	1.53		2.28		
Furrow and Fertilize	.75	1.13	0.98	250# 16-20-0 = \$9.75	11.86		
Plant (2 men)	1.0	1.38	1.35	4# seed = \$5.00	7.73		
Irrigate 2X	2.0	2.50		3/4 Ac.Ft. @ \$3.75 = \$2.81	5.31		
Cultivate	1.0	1.50	1.30		2.80		
Thin & Hoe	9.0	9.90			9.90		
Cultivate 3X	2.25	3.38	2.70		6.08		
Furrow and Fertilize	.75	1.13	0.98	60#N @10¢ = \$6.00	8.11		
Irrigate 10X	10.0	12.50		3.25 Ac.Ft. @ \$3.75 = \$12.19 + 1 water run of NH ₃ (40#N) @ 8½¢ = \$3.40	28.09		
Weed & Hoe	5.0	5.50			5.50		
Insect Control 3X				Contract by air Appl- ication \$7.50 Insect- icide \$10.00	17.50		
Miscellaneous* (see note 5)					31.05		
TOTAL PRE-HARVEST COSTS						149.85	10.70

CASH AND LABOR COSTS PER ACRE				
Operation	Materials, Other Costs	Total	Cost Per Ton	My Costs
HARVEST:				
<u>Average Grade Sufficient to Return \$55/Ton Harvest:</u>				
Pick 30¢ per bucket	933 buckets X 30¢	279.90		
Haul	5.5 hrs. X \$3.50 (man's time + operating cost)	19.25		
Dockage @5% of total yield (see note 3)	oversize, nubs and crooks	37.80		
Recruit & transport harvest labor	\$40/man X 40	32.00		
Housing, field trans. & supervision of labor	\$2/man/day + \$18/day (foreman) + \$15/day (checker)	124.30		
Labor Association Expense	\$25 membership + 20¢/man/day office assessment	9.30		
Comp. Ins. (harvest crew only)	\$2.11/\$100 earned (\$279.90 + $\frac{55 \times 40 \times 40}{100}$)**	6.29		
TOTAL HARVEST COSTS		508.81	36.35	
TOTAL PRE-HARVEST AND HARVEST COSTS		658.59	47.04	
Interest on Investment (equipt.) @ 6%		3.99		
Depreciation of Equipment		11.98		
TOTAL COST BEFORE RENT		674.56	48.18	
Rent	Cash @ \$60/Acre	60.00		
TOTAL ALL COSTS		734.56	52.47	

1. The costs of growing cucumbers that appear in this pamphlet were prepared in cooperation with a group of San Joaquin County growers and represent an estimate of good cultural practices.

2. Labor rates shown include cash wages, Social Security, Compensation Insurance (non-harvest labor) and other non-cash benefits.

3. Growers receive \$1.00 per ton for oversize, nubs, and crooks.

4. Other costs which are sometimes incurred are for loading charges, soil fumigation, replanting and strike insurance.

5. *Miscellaneous includes such items as insurance, office expense, costs of opening and closing ditches for cultivation, replacement of small tools and interest on operating capital.

6. **The state considers that housing is worth 40¢/day/man in wages in calculating the compensation insurance.

DEPRECIATION SCHEDULE

Item	Original Cost		Years Life	Annual Use (Acres)	Non-Cash Overhead	
	Total	Per Acre			Depre- ciation	Interest at 6%
Crawler Tractor 60 H.P. -D	\$18,000	\$ 60.00	12	300	5.00	1.80
Wheel Tractor 30 H.P. -G	3,500	11.66	10	300	1.16	0.35
Cultivator & Tool Bar	1,200	6.00	12	200	0.50	0.18
Landplane (1/3 share)	1,200	5.33	12	225	0.44	0.16
4-Row Planter	300	1.50	10	200	0.35	0.21
Disc 12 feet	1,400	6.22	10	225	0.62	0.19
Chisel	800	4.00	10	200	0.40	0.12
Harrow	150	0.50	12	225	0.04	0.02
Subsoiler	1,400	6.22	12	225	0.52	0.19
Siphons	300	1.50	10	200	0.15	0.05
Ditcher (1/3 share)	200	1.00	10	200	0.10	0.03
Plow - 4 bottom 16 inch	900	6.00	10	150	0.60	0.18
Pickup (1/2 share)	1,250	4.17	5	300	0.83	0.13
Truck - 2 ton	3,800	12.67	10	300	1.27	0.38
TOTAL	\$34,400	\$126.77			11.98	3.99