

SAMPLE COSTS TO PRODUCE CELERY IN MONTEREY COUNTY - 1976

By J. W. Huffman and E. A. Yeary

YIELD: 1,000 crates (60 lbs.) per acre

HARVEST: June through December

PLANT-TRANSPLANT: February through mid-August

	Total Labor Costs/Hour ^{1/}	Hourly Tractor Costs			
			Cash Costs	Depreciation	Interest
Cl. I Equipment Operator	4.85	80 H.P. Crawler Diesel	7.06	3.13	2.34
Cl. II Equipment Operator	4.73	80 H.P. Wheel Diesel	3.44	1.63	.82
Other Labor	3.90	55 H.P. Wheel Diesel	2.26	1.12	.56

Operation	Tractor Used	Hours Acre	Labor	Fuel & Repairs	Contract and Materials	Total Acre
Cultural:						
Cover crop					Proportion of cost to celery	\$ 30.00
Manure, 5 tons @ \$13/ton spread						65.00
Disc & roll 3x	C-80	0.69	3.26	4.87		8.13
Chisel 2x	C-80	1.0	4.73	7.06		11.79
Land plane 2x	C-80	0.52	2.46	3.67		6.13
List & preplant fertilizer					Contract @ \$4.50/acre, 600 lbs. 5-17-17 @ \$54.90	59.40
Shape beds & roll	WD-80	0.25	1.18	0.57		1.75
Plant - 4 bed - 2 men ^{2/}	WD-80	0.5	7.25	1.13	Seed 1.5 lbs. coated seed @ \$17.00	25.38
Herbicide					Contract @ \$6.05/acre Materials @ \$17.03	23.08
Irrigation 12x (5x sprinkler, 7x furrow)		38.75	151.00		4.5 ac. ft. @ \$7.50/ac. ft. \$2.00 booster pump	186.75
Thin		16.5	64.35			64.35
Fertilizer - Sidedress 2x					Contract @ \$3.75/ac./applic 315 lbs. @ 0.27/lb.	92.55
Fertilizer - Irrigation					Application @ \$1.00/acre 60 lbs. @ 0.27/lb.	17.20
Insecticide applications 4x					Contract @ \$4.55/ac./applic Materials \$70.00 (includes fungicides)	88.20
Cultivations 7x	WD-55	3.0	14.19	6.78		20.97
Hoe & weed		6.0	23.40			23.40
Miscellaneous (includes setup & moving)		4.0	15.60	5.50		21.10

TOTAL CULTURAL AND MATERIAL COSTS \$ 745.18

Overhead:

Business Costs: Office and business expense @ 7% of cultural costs	\$ 52.00
Taxes: Equipment	10.00
Rent: \$400.00 per acre, 2/3 to celery	267.00

TOTAL OVERHEAD COSTS \$ 329.00

Harvest: \$2.70 per crate - includes cutting, packing, crate, hauling and selling charge. \$2,700.00

TOTAL CULTURAL, OVERHEAD AND HARVESTING COSTS \$3,774.18

Annual Costs:

	Investment	Per Acre	Depreciation	Interest - 8%	
2/3 charged to celery. Tractors are on an hourly basis.	Buildings	\$ 50.00	\$ 2.50	\$ 2.64	
	Irrigation system	90.00	9.00	4.75	
	Port. Irrig. system	25.00	2.50	1.32	
	Tractors	150.00	11.51	7.48	
	Equipment	100.00	10.00	5.28	
		<u>\$415.00</u>	<u>\$35.51</u>	<u>\$21.47</u>	
	9 Months (except tractors and equipment) to celery				48.82

TOTAL COST PER ACRE \$3,823.00

TOTAL COST PER CRATE \$ 3.82