

SAMPLE COSTS TO PRODUCE CELERY IN MONTEREY COUNTY - 1969
Double Cropped, With 2/3 of Land Costs to Celery
By J. W. Huffman and E. A. Yeary

Based on a yield of 1000 crates per acre Crates average 60 lbs.	Hours Per Acre				Cost Per Acre	Cost Per Crate
	Man Labor	80 hp Tract.	45 hp. Tract.	Truck Pickup		
Land preparation: Disc 3X Chisel 2X Land Plane 2X	5.5	5.5			31.35	
Pre-plant insecticide: Contract \$10.00					10.00	
Pre-plant fertilizer and list: Contract					3.75	
Shape beds and roll	.5		.5		1.90	
Plant: 2 men	1.0		.5		2.80	
Irrigations: 15 times @ 2-3/4 hrs. labor per time	41.25			1.0	80.38	
Herbicide (oil plus pre-plant)					6.00	
Thin	28.0				50.40	
Side dress fertilizer; 4 times, contract					12.00	
Insecticide applications: 7 times at 3.00					21.00	
Cultivations: 7 times	4.0		4.0		15.20	
Hoe and weed:	14.0				25.20	
Misc., other work	3.0		.5	1.0	8.40	
Total Cultural Labor and Field Power					268.38	27¢
Irrigation water: 4.5 acre ft. @ \$5.00 + 1.75 for booster pump					24.25	
Seed: Mini-coated 2 lbs. @ \$2.55 lb.					5.10	
Fertilizer materials, incl. manure, 5 tons @ \$7.00 spread					145.00	
Insecticide and fungicide materials					77.00	
Total Material Cost					251.35	25¢
Total Labor, Field Power and Materials				Tenants	519.73	52¢
Business costs, office, car operation capital, etc., 6% of above				31.18	31.18	
Taxes: \$20.00 - 2/3 to celery					13.33	
Taxes: Equipment, except tractors				2.00	2.00	
Repairs: except trucks and tractors				8.00	8.00	
Rent: \$200.00 - 2/3 to celery				133.33		
Total Cash Overhead Costs				174.51	54.51	5¢
Total Cash Costs				694.24	574.24	57¢
Investment overhead 2/3 to celery	Dollars Per Acre					
Costs based on a 1000 crop acre vegetable farm	Orig. Cost	Avg. Value	7% Int.	Depre- ciation		
Buildings for equipment	18.00	9.00	.63	.60		
Irrigation wells, pipeline	150.00	75.00	5.25	7.50		
Land: 2/3 of \$2000.00	1333.33	1333.33	93.33	--		
Subtotal Real Estate	1501.33	1417.33	99.21	8.10		
Tractors, trucks, etc.	110.00	55.00	3.85	11.00		
Tillage equip., planter, etc.	32.00	16.00	1.12	3.20		
Portable Irrig. pipe, sprinklers	28.00	14.00	.98	2.80		
Misc. small equipment	14.00	7.00	.49	1.00		
Total Operator's Equipment	184.00	92.00	6.44	18.40		
Total Invest. and Depreciation	1685.33	1509.33	105.65	26.50	18.40	26.50
Total Cash and Depreciation Costs				712.64	600.74	60¢
Interest on Investment				6.44	105.65	11¢
Total Costs to Harvest				719.08	706.39	71¢
Harvest (cut, pack, haul, incl. wire bound crate (56¢))				\$1.75	1750.00	1.75
Total Cash Costs - Growing and Harvesting				2444.24	2324.24	2.32
*Total Cost of Production				2469.08	2456.39	2.46

Labor costs per hour total, incl. Social Security and Workmen's Comp. insurance: Equipment operator 2.50, irrigator 1.90, hand labor 1.80. 80 hp. crawler tractor per hour cash costs 3.20, depreciation 1.80, interest 72¢. 45 hp. wheel tractor 1.30, 68¢ and 28¢. Light truck 2.00 per hour cash costs and pickup 1.60 for light work. Sprinkler booster pump costs 2.00 per acre ft. of water.

*Does not include selling cost.

SAMPLE COSTS PER CARTON AT VARYING YIELDS

Yield: 60 lb. Cartons per Acre	600	800	1000	1200	1400
Total Cost per Carton	\$2.93	\$2.63	\$2.46	\$2.34	\$2.25