

SAMPLE COSTS TO PRODUCE CELERY IN MONTEREY COUNTY - 1986

By J. W. Huffman, Kurt Schulbach and E. A. Yeary

YIELD: 1,000 60 lb crates per acre  
 HARVEST: June through December  
 PLANT-TRANSPLANT: February through Mid-August

TOTAL LABOR COSTS/HR. <sup>/1</sup>		HOURLY TRACTOR COSTS				
				Cash Costs	Depreciation	Interest
G1. I Equip. Operator	11.65	80 h.p. Crawler Diesel		12.52	4.72	4.25
Irrigator	10.15	80 h.p. Wheel Diesel		7.18	1.88	1.13
Other Labor	10.00					
Operation	Tractor Used	Hour/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
<b>CULTURAL:</b>						
Manure (1/2 to celery)					5 tons @ \$18.00/ton	45.00
Subsoil 2X (1/2 to celery)	C-80	1.24	14.45	20.24		17.35
Disc & roll 3X	C-80	0.69	8.04	13.36		21.40
Chisel 2X	C-80	0.66	7.69	9.74		17.43
Level 2X	C-80	0.52	6.06	8.16		14.22
List & preplant fert.					Contract @ \$9.00/Ac, 600 lbs. 12-12-12 @ \$76.87	85.67
Shape beds & roll	WD-80	0.25	2.91	2.05		4.96
Transplant	WD-80	32.00	320.00	249.60	45,000 plants @ \$21.00 per 1,000	1,514.60
Herbicide <sup>/2</sup>					Contract, preplant \$12.00/Ac/appli. \$10.00 materials, post plant \$12.00/Ac/appli. and \$42.00 materials	22.00
Irrigation 12X (5X sprinkler, 7X furrow)		38.75	388.70	12.00	3.0 ac. ft. @ \$30.00/ac. ft.	490.70
Fertilizer - side-dress 2X					Contract @ \$8.00/Ac/appli. 160 lbs N	168.43
Fertilizer - Irrigation					Application @ \$4.00/Ac 40 lbs N	28.00
Pesticide applications 6X					Contract @ \$11.00/Ac/appli. Materials \$180.00 (includes fungicides)	246.00
Cultivations 7X	WD-80	1.75	20.39	15.38		35.77
Hoe & Weed		8.0	80.00			80.00
Miscellaneous (incl. setup & moving)		4.0	43.30	16.00		59.30
<b>CULTURAL AND MATERIAL COSTS</b>						<b>2,850.83</b>
<b>Overhead:</b>						
Business Costs:	Office and business expense 50% of preharvest costs @ 11% for 6 months.					92.37
Taxes:	Equipment					8.00
Rent:	\$1,000.00 per acre, 6 months to celery					500.00
<b>OVERHEAD COSTS</b>						<b>600.37</b>
Harvest:	Contract @ \$4.25 per crate - includes cutting, hauling, crate, packing, and selling charge.					4,250.00

<b>TOTAL CULTURAL, OVERHEAD AND HARVESTING COSTS</b>				<b>7,701.20</b>
Annual Costs:				
	Investment	Per Acre	Depreciation	Interest - 11%
1/2 charged to celery	Buildings	\$ 60.00	\$ 3.00	\$ 3.30
Tractors are on an	Irrig. syst.	300.00	30.00	16.50
hourly basis	Tractors	800.00	82.36	61.10
	Equipment	200.00	20.00	11.00
	Total	\$1,360.00	\$135.36	\$91.90
6 months (except tractors and equipment) to celery				185.36
<b>TOTAL COST PER ACRE</b>				<b>7,886.56</b>
<b>TOTAL COST PER CRATE</b>				<b>7.89</b>

Management has not been included as a cost of production in this study.

/1 Labor costs per hour include fringe benefits paid by the farmer. SDI, social security, workman's compensation, unemployment, health plan, vacation, holidays and pension plan.

/2 Herbicides - costs are for a transplanted crop. For herbicide materials, rates and application consult a Pest Control Advisor or contact your local Agricultural Extension Office.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD: CRATES PER ACRE	800	900	1,000	1,100	1,200
CULTURAL & MATERIALS	2850.83	2850.83	2850.83	2850.83	2850.83
OVERHEAD	600.37	600.37	600.37	600.37	600.37
HARVEST	3400.00	3825.00	4250.00	4675.00	5100.00
ANNUAL COSTS	185.36	185.36	185.36	185.36	185.36
COST PER ACRE	7036.56	7461.56	7886.56	8311.56	8736.56
COST PER CRATE	8.80	8.29	7.89	7.56	7.28