

AGRICULTURAL EXTENSION SERVICE, UNIVERSITY OF CALIFORNIA

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CELERY - SAMPLE COSTS OF PRODUCTION

Based on a yield of 900 - 65 lb. crates per acre, produced on a large commercial vegetable farm.
Total labor cost per hour: Tractor driver \$1.65. Irrigator \$1.65. Other labor \$1.55.

Operation	Hours Per Acre	Labor	Fuel & Repairs	Materials and Other Costs	Total Per Acre
CULTURAL					
Land preparation	4.0	\$ 7.80	\$ 11.25		\$ 19.05
Plant	1.0	1.95	1.70	Seed: 1 lb. @ \$17.00	20.65
Irrigate 3 times	20.0	33.00	6.50	Water: 3.5' @ \$5.00	57.00
Cultivate 8 times	4.0	7.80	6.80		14.60
Fertilize 4 times				Material \$80.00 Appli. \$10.00	90.00
Weed Spray				Material \$20.00 Appli. \$ 3.50	23.50
Insect Spray 7 times				Material \$73.50 Appli. \$24.50	98.00
Thin	25.0	38.75			38.75
Hoe	8.0	12.40			12.40
Miscellaneous	6.0	10.50	5.10		15.60
Total Cultural Costs		112.20	31.35		246.00
HARVEST					
Cut, trim, load, haul 22¢/crate. Pack \$1.28/crate.					
Total 900 crates @ \$1.50					1350.00
Misc. overhead, office and business expense (6% of cultural costs)					23.37
Rent 1/2 year					45.00
Total Cash Costs					1807.92
Management: 5% of 900 crates @ \$2.82 (\$2538)					126.90
ANNUAL COSTS:					
	<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest-7%</u>	
	Buildings	\$50.00	\$ 2.50	\$ 1.75	
	Irrigation System	30.00	3.00	1.05	
	Equipment	260.00	26.00	9.10	
	Total	340.00	31.50	11.90	(1/2 year)
Total Cost per Acre					1956.52
Cost per crate @ 900 crates per acre yield (29 tons)					2.17
Cost per ton @ 29 tons yield					67.47
COST PER CRATE AT VARYING YIELDS:					
	<u>Crates/acre</u>	<u>Cost/crate</u>			
	800	\$ 2.24			
	850	2.21			
	900	2.17			
	950	2.15			
	1000	2.12			

MJS/EAY:sd
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