

AGRICULTURAL EXTENSION SERVICE, UNIVERSITY OF CALIFORNIA

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CARROTS - SAMPLE COSTS OF PRODUCTION

Based on a yield of 15 tons per acre, produced on a large commercial vegetable farm.
Total labor costs per hour: Tractor driver \$1.95. Irrigator \$1.65. Other labor \$1.55.

Operation	Hours Per Acre	Labor	Fuel & Repairs	Materials and Other Costs	Per Acre Total
CULTURAL					
Land preparation	4.0	\$ 7.80	\$ 11.25		\$ 19.05
Fumigation				Material \$24.00 Appli. \$4.00	\$28.00 28.00
Plant	1.0	1.95	1.70	Seed: 3 lbs @ \$3.00	9.00 12.65
Irrigate 6 times	12.0	19.80	4.00	Water: 2.5' @ \$5.00	12.50 36.30
Cultivate 6 times	4.0	7.80	6.80		14.60
Weed & pest control				Weed oil & insecticide \$27.00 Appl. \$3.50	30.50 30.50
Fertilize				Materials \$25.00 Appli. \$2.50	27.50 27.50
Pest Control				Materials \$ 5.00 Appli. \$3.50	8.50 8.50
Miscellaneous	8.0	12.80	1.70		14.50
Total Cultural Costs		50.15	25.45		116.00 191.60
Harvest - Sold in the field (Actual harvest, shed, etc., costs \$30.00 ton)					
Misc. overhead, office & business expense (6% cultural costs)					11.50
Rent 1/2 year					45.00
Total Cash Costs					248.10
Management: 5% of 15 tons @ \$33.00 (\$63.00 less \$30.00 harvesting costs) = \$495.00					24.75
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)	21.70
Total Cost per Acre					294.55
Cost per ton @ 15 ton yield					19.64
COST PER TON AT VARYING YIELDS:					
	<u>Yield-Tons</u>	<u>Cost/ton</u>			
	11	\$26.18			
	13	22.40			
	15	19.64			
	17	17.52			
	19	15.85			

MJS/EAY:sd
1/30/68:400c.