

SAMPLE COSTS TO PRODUCE CARROTS IN MONTEREY COUNTY - 1986

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YIELD: 600 54-lb sacks per acre
 HARVEST: May - December
 PLANT: January - July

TOTAL LABOR COSTS/HR.			HOURLY TRACTOR COSTS			
			Cash Costs	Depreciation	Interest	
Equipment 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	Hours/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
CULTURAL:						
Subsoil 2X	C-80	1.24	14.45	20.24		34.79
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 Fertilizer + Fumigate					Contract @ \$11.50/Ac 500# 5-17-17 @ \$273.00/ton	139.75
Shape Beds & Roll	WD-80	0.25	.91	2.05		4.96
Plant 4 Bed Planter	WD-80	0.42	4.89	3.02	Seed 9 lbs coated hybrid	142.91
Herbicide 2X					seed @ \$15.00/lb Contract @ \$12.00 materials \$74.80	98.80
Irrigation 8X		12.00	121.80	12.00	2.5 ac. ft. @ \$30.00/ac ft. for power	196.80
Fertilize 2X					Contract @ \$8.00 400 lb 10-10-5 + 150 lbs N @ \$.43/lb	118.10
Fungicide 2X					Contract @ \$7.50 Materials \$12.00	27.00
Cultivation 3X	WD-80	0.5	5.83	3.59		9.42
Miscellaneous (includes set up & moving)		3.0	34.95	9.85		44.77
TOTAL CULTURAL AND MATERIAL COSTS						870.25
OVERHEAD (8 months)						
Business Costs: 50% of preharvest costs @ 11% for 8 months						32.35
Taxes: Equipment						6.00
Rent: \$450.00 per acre						300.00
OVERHEAD COSTS						338.35
HARVEST COSTS:						
Machine harvest, haul, pack in 48 lb cello bags @ \$4.95/bag						2970.00
TOTAL CULTURAL, OVERHEAD AND HARVESTING COSTS						4178.60
ANNUAL COSTS	Investment	Per Acre	Depreciation	Interest - 11%		
8 months to carrots, tractors are on an hourly basis	Buildings	60.00	3.00	3.30		
	Irrig. System	300.00	30.00	16.50		
	Tractors	225.00	22.52	17.93		
	Equipment	200.00	20.00	11.00		
	Total	785.00	75.52	48.73		

TOTAL ANNUAL COSTS	96.32
TOTAL COST PER ACRE	4,274.92
TOTAL COST PER BAG	7.12

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, workmen's compensation, unemployment, health plan, vacation, paid holidays and pension plan.
- /2 For pesticide materials, rates and application techniques, contact a pest control advisor or your local Agricultural Extension Office.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

Yield: Bags per acre	500	550	600	650	700
Annual, Cultural and Overhead	1304.92	1304.92	1304.92	1304.92	1304.92
Harvest Costs*	2575.00	2777.50	2970.00	3152.50	3325.00
Total Costs Per Acre	3879.92	4082.42	4274.92	4457.42	4629.92
Cost Per Bag	7.76	7.42	7.12	6.86	6.61

*Unit costs vary with yield