

SAMPLE COSTS TO PRODUCE CARROTS

Marvin J. Snyder
Edward A. Yeary

Based on a yield of 15 tons/acre
Total Labor costs/hour:
Tractor driver - \$3.83*
Other labor - 2.98*

Hourly Tractor Costs:	Cash Costs	Depreciation	Interest
100 hp wheel diesel	\$4.40	\$2.00	\$1.00
60 hp wheel diesel	2.70	1.60	.80
40 hp wheel diesel	2.10	1.45	.72

Operation	Hours Per Acre	Labor	Fuel & Repairs	Materials & Other Costs	Costs	Cost/Acre Sample	Cost/Acre Yours
Land preparation	4.0	\$15.32	\$19.90			\$ 35.22	
Fumigation				Custom: \$29.00 per acre	\$ 29.00	29.00	
Plant	1.0	3.83	3.75	Seed: 3 lbs @ \$4.75	14.25	21.83	
Irrigate 6x	12.0	35.76	8.00	Water: 2.5 ac.ft. @\$7.50 for power	18.75	62.51	
Cultivate 6x	4.0	15.32	11.60			26.92	
Weed control				Material & application	35.00	35.00	
Fertilize				Material & application	68.00	68.00	
Pest control				Material & application	10.50	10.50	
Miscellaneous	4.0	12.77	8.40			21.17	
Pre-harvest Cultural Costs		\$83.00	\$51.65		\$175.50	\$310.15	
Harvest: Sold in the field. Harvest and shed costs. Ave. per ton \$50.00							
Total Cultural Costs						310.15	
Misc. overhead, office & business costs 6% cultural costs						18.61	
Rent 1/2 year @ \$135.00						67.50	
Total Cash Costs							
Management: 5% of 15 tons @ \$24.00 (\$74.00 less \$50.00 harvest costs)						18.00	
ANNUAL COSTS:							
	<u>Investments</u>		<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest - 8%</u>		
	Buildings		\$ 50.00	\$ 2.50	\$ 2.00		
	Irrigation System		90.00	9.00	3.60		
	Equipment		105.00	10.50	4.20		
	Tractors		145.00	17.40	8.68 (except trac		
			<u>390.00</u>	<u>39.40</u>	<u>18.48 for 5 yrs.</u>		
Total Cost Per Acre						\$456.24	
Cost per ton at 15 ton yield						30.42	
Cost per ton @ Varying Yields:							
	11 tons =	\$41.04		17 tons =	\$26.98		
	13 tons =	34.86		19 tons =	24.27		
	15 tons =	30.42					

MJS/EAY:rs

3/15/74: 200c.

*Includes benefits, Workman's Compensation, etc.