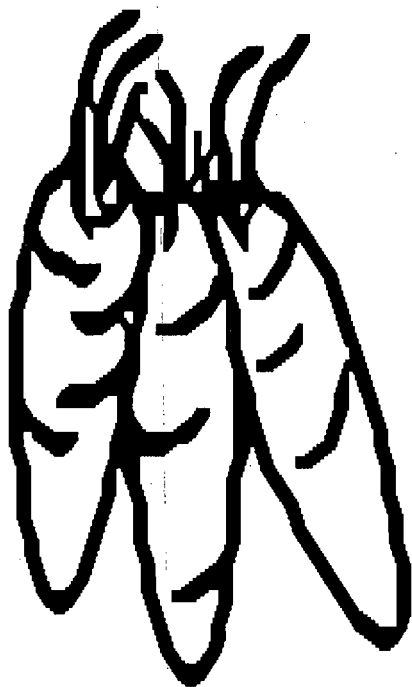


SAMPLE COSTS TO PRODUCE CARROTS



KERN COUNTY

1987

UC Cooperative Extension

SAMPLE COSTS TO PRODUCE CARROTS
KERN COUNTY 1987
JOHN GUERARD, FARM ADVISOR

	UNIT	QUANTITY	Sample Costs		My Costs
			PER ACRE	PER BAG	PER ACRE
PRE-HARVEST CASH COSTS:					
LAND PREPARATION					
Chisel 2x: man + crawler tractor	HR.	1.00	19.50		
Disc 2x: man + wheel tractor	HR.	1.00	15.25		
Finish Level: man + crawler tractor	HR.	.50	9.75		
Pre-Irrigation: @ \$39/Ac. Ft.	AC.FT.	.25	9.75		
Labor	HR.	1.25	6.25		
Fumigation: material	\$/ACRE	100.00	100.00		
Application: man + crawler tractor	HR.	.50	9.75		
Pre-plant fertilizer: material @\$220/ton	TON	.50	110.00		
Application: man + wheel tractor	HR.	.50	7.63		
Plant: seed @#3 lb./ac.	LB.	3.00	105.00		
Planting: 2 men + wheel tractor	HR.	.50	10.13		
Herbicide: material	\$/ACRE	45.00	45.00		
Application: man + wheel tractor	HR.	.50	7.63		
Cultivate 1x: man + wheel tractor	HR.	.50	7.63		
Nitrogen (Van 32 Sprinkler Appl. @.25/Lb)	LBS.	75.00	18.75		
Fungicide (Spinkler Application)	\$/ACRE	25.00	25.00		
Crop Irrigation: \$39/AC.FT.+ \$2 Booster	AC.FT.	1.50	60.50		
Irrigation Labor	HR.	6.00	30.00		
Sprinkler Pipe Rental	\$/ACRE	125.00	125.00		
Misc.: man + wheel tractor	HR.	2.00	30.00		
Repairs to Equipment Except Tractors	\$/ACRE	25.00	25.00		
Land Rent	\$/ACRE	100.00	100.00		
Supervision	\$/ACRE	20.00	20.00		
Misc. Overhead:					
Office + Business Expense, 4% of Costs	%	4.0	145.72		
Int. on Operating Capital (Prime + 1.5%)	%	9.5	119.98		
TOTAL PRE-HARVEST CASH COST			1188.70	1.49	
HARVESTING COSTS:					
Machine harvest, haul, pack, cool, & sell	\$/BAG	3.40	2720.00		
(All harvesting operations done by shipper)					
TOTAL HARVESTING COSTS			2720.00	3.40	
TOTAL CASH COSTS			3908.70	4.89	
DEPRECIATION:					
Crawler Tractor	HR.	2.00	7.12		
Wheel Tractor	HR.	5.00	9.00		
Other Equipment: 10 yrs. Life	\$/ACRE	100.00	10.00		
TOTAL DEPRECIATION			26.12	.03	
INTEREST ON INVESTMENT @ 9.5%:					
Crawler Tractor:	HR.	2.00	5.86		
Wheel Tractor:	HR.	5.00	5.00		
Other Equipment: 1/2 Cost	\$/ACRE	50.00	4.75		
TOTAL INTEREST ON INVESTMENT			15.61	.02	
TOTAL COST OF PRODUCTION			3950.43	4.94	

INCOME PER ACRE ABOVE ALL COSTS
PRICE/48 1# CELLO

	5.00	5.50	6.00	6.50	7.00	7.50
650	-190	134	459	784	1109	1434
700	-110	239	589	939	1289	1639
750	-30	344	719	1094	1469	1844
800	49	449	849	1249	1649	2049
850	129	554	979	1404	1829	2254
900	209	659	1109	1559	2009	2459

Pertinent Information:

- This cost study is based on fresh market carrots
- Yield based on 800 bags/acre (48 1# cello bag)
- Cash rent basis
- Sprinkler irrigated
- January planting - June harvest
- Add approximately \$100.00/acre for weed control in late summer plantings (if weed oil is used)
- Numbers have been rounded for convenience

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