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SAMPLE COSTS TO PRODUCE GARLIC IN MONTEREY COUNTY - 1981

By S. D. Mendivil and E. A. Yeary

Yield: 8 tons per acre

TOTAL LABOR COSTS/HOUR*

HOURLY TRACTOR COSTS

				<u>Cash Costs</u>	<u>Depreciation</u>	<u>Interest</u>
C1. I Equip. Operator	9.32					
C1. II Equip. Operator	9.11	80 h.p. Crawler Diesel		14.51	6.33	4.75
Irrigator	8.15					
Other Labor	8.05	60 h.p. Wheel Diesel		6.35	2.25	1.69

<u>Operation</u>	<u>Tractor Hours/Used</u>	<u>Acre</u>	<u>Labor</u>	<u>Fuel & Repairs</u>	<u>Contract and materials</u>	<u>Total/Acre</u>
<u>Cultural</u>						
Cover crop & manure						60.00
Subsoil	C-80	1.24	11.30	21.63		32.93
Disc & roll 3x	C-80	0.69	6.29	12.24		18.53
Chisel 2x	C-80	1.0	9.11	16.17		25.28
Level 2x	C-80	0.52	4.74	9.61		14.35
List & preplant fertilizer					Contract @ 8.00/ac. 500 lbs. 12-12-12- @ 65.00	73.00
Shape beds	WD-60	0.25	2.28	1.84		4.12
Plant					Seed and planting provided by the processor	
Irrigations 16x		27.0	220.05		3.0 ac. ft. @ 36.00/ac ft. & 4.00 booster pump	332.05
Side dress fertilizer 4x					Contract @ 7.25/ac	
Herbicide 3x					200 lbs N @ .44/lb	117.00
					Contract @ 8.25/appli. pre, post & selective materials 75.00	99.75
Cultivations 3x	WD-60	0.72	6.56	4.57		11.13
Weeding		8.0	64.40			64.40
Misc. (incl. setup--moving)		4.0	33.26	8.40		41.66
TOTAL CULTURAL COSTS						894.20

Overhead

Business costs, office & business expenses, etc. @ 15% of cultural costs						134.13
Taxes, equipment - except tractors						5.00
Rent: 500.00 per acre						500.00
TOTAL OVERHEAD COSTS						639.13

HARVEST BY PROCESSOR

TOTAL CULTURAL AND OVERHEAD COSTS						1,533.33
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ANNUAL COSTS

	<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest - 15%</u>
Buildings		60.00	3.00	4.50
Irrigation system		300.00	30.00	22.50
Tractors		205.00	26.27	19.72
Equipment		200.00	20.00	15.00
TOTAL		765.00	79.27	61.72

TOTAL COST PER ACRE				1,674.32
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COST PER TON @ 8 TONS PER ACRE YIELD				209.29
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*Labor costs per hour include fringe benefits paid by the farmer. Social security, workmen's compensation, unemployment, health plan, vacation, pension plan, and holidays.

(see reverse side)

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD TONS PER ACRE	7.0	7.5	8.0	8.5	9.0
PRODUCTION COSTS	1,533.33	1,533.33	1,533.33	1,533.33	1,533.33
ANNUAL COSTS	140.99	140.99	140.99	140.99	140.99
TOTAL COST PER ACRE	1,674.32	1,674.32	1,674.32	1,674.32	1,674.32
COST PER TON	239.19	223.24	209.29	196.98	186.04