

## SAMPLE COSTS TO PRODUCE GARLIC IN MONTEREY COUNTY - 1980

By J.W. Huffman 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>		
Cl. I Equip. Operator	8.58			
Cl. II Equip. Operator	8.44	80 h.p. Crawler Diesel	13.00	4.89   2.67
Irrigator	7.39			
Other Labor	7.28	60 h.p. Wheel Diesel	4.85	1.84   1.10

<u>Operation</u>	<u>Tractor Used</u>	<u>Hours/Acre</u>	<u>Labor</u>	<u>Fuel &amp; Repairs</u>	<u>Contract and Materials</u>	<u>Total/Acre</u>
<u>Cultural</u>						
Cover crop & manure						50.00
Subsoil	C-80	1.24	10.47	18.88		29.62
Disc & roll 3x	C-80	0.69	5.82	10.83		16.65
Chisel 2x	C-80	1.0	8.44	14.38		22.82
Level 2x	C-80	0.52	4.39	8.48		12.87
List & preplant fertilizer					Contract @ 7.00/ac. 500 lbs. 12-12-12- @ 55.00	62.00
Shape beds	WD-60	0.25	2.11	1.28		3.39
Plant					Seed and planting provided by the processor	
Irrigations 16x		27.0	199.53		3.0 ac. ft. @ \$30.00/ac ft & \$4.00 booster pump	293.53
Side dress fertilizer 4x					Contract @ \$6.25/ac. 200 lbs N @ 0.32/lb.	89.00
Herbicide					Contract @ \$8.00/appli. pre, post & selective materials 69.50	93.50
Cultivations 3x	WD-60	0.72	16.18	4.31		10.49
Weeding		8.0	58.24			58.24
Misc. (incl. set up-moving)		4.0	31.38	8.27		39.65
<u>TOTAL CULTURAL COSTS</u>						<u>781.76</u>

Overhead

Business costs, office & business expenses, etc. @ 12% of cultural costs	93.81
Taxes, equipment - except tractors	5.00
Rent: \$400.00 per acre	400.00
<u>TOTAL OVERHEAD COSTS</u>	<u>498.81</u>

HARVEST BY PROCESSOR

<u>TOTAL CULTURAL AND OVERHEAD COSTS</u>	<u>1,280.57</u>
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ANNUAL COSTS

<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest - 8%</u>
Buildings	60.00	3.00	3.60
Irrigation system	300.00	30.00	18.00
Tractors	190.00	18.65	10.28
Equipment	150.00	15.00	9.00
<b>TOTAL</b>	<b>680.00</b>	<b>66.65</b>	<b>40.88</b>

<u>TOTAL COST PER ACRE</u>	<u>1,388.10</u>
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<u>COST PER TON @ 8 TONS PER ACRE YIELD</u>	<u>173.51</u>
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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)

9/80

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD TONS PER ACRE	7.0	7.5	8.0	8.5	8.0
PRODUCTION COSTS	1,280.57	1,287.57	1,280.57	1,280.57	1,280.57
ANNUAL COSTS	107.53	107.53	107.53	107.53	107.53
TOTAL COST PER ACRE	1,388.10	1,388.10	1,388.10	1,388.10	1,388.10
COST PER TON	191.16	185.09	173.51	163.31	154.23