

SAMPLE COSTS TO PRODUCE GARLIC IN MONTEREY COUNTY - 1973

By J. W. Huffman and E. A. Yeary



YIELD: 8 tons per acre

TOTAL LABOR COSTS/HOUR*

Cl. I Equip. Operator	3.82
Cl. II Equip. Operator	3.70
Other Labor	2.91

HOURLY TRACTOR COSTS

	Cash Costs	Depreciation	Interest
80 H.P. Crawler Diesel	3.65	2.55	0.87
80 H.P. Wheel Diesel	1.90	0.92	0.47
55 H.P. Wheel Diesel	1.30	0.66	0.34

Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract and Materials	Total/Acre
<u>Cultural</u>						
Cover crop						8.00
Disc & roll 3x	C-80	0.69	2.55	3.49		6.04
Chisel 2x	C-80	0.52	1.92	2.32		4.24
Land plane 2x	C-80	0.52	1.92	1.26		4.44
List & preplant fertilizer					Contract @ \$4.00/Ac 500 lbs 12-12-12 @ \$25.00	29.00
Shape beds	WD-80	0.25	0.93	0.52		1.45
Plant	WD-55	2.5		1.45	Seed 1500 lbs @ .075/lb supplied & planted by processor	121.20
Irrigations 16x		20.0	58.20		3.0 Ac Ft @ \$5.00/Ac Ft & \$1.00 Booster Pump	74.20
Side dress fertilize 4x					Contract @ \$3.75/Ac 200 lbs N @ 0.15/lb	45.00
Herbicides 2x (pre-emerg. 1x post emerg. 1x)					Contract @ \$3.75/Ac Materials \$39.55/Ac	47.05
Insecticides 1x					Contract @ \$3.25/Ac Materials \$5.00/Ac	8.25
Cultivations 3x	WD-80	0.72	2.66	1.91		4.57
Weeding		20.0	58.20			58.20
Misc. (incl. set up - moving)		4.0	12.43	2.25		14.68
TOTAL CULTURAL COSTS						426.32
<u>Overhead</u>						
Business costs, office & business expenses, etc. @ 7% of above						29.84
Taxes, equipment - except tractors						3.00
Repairs, except tractors and trucks						9.00
Rent: \$140.00 per acre						150.00
TOTAL OVERHEAD COSTS						191.84
HARVEST, 8 TONS (16,000 lbs) BY PROCESSOR						240.00
TOTAL CULTURAL, OVERHEAD AND HARVEST COSTS						858.16
<u>ANNUAL COSTS</u>						
	<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest - 7%</u>		
	Buildings	50.00	2.50	1.75		
	Irrigation system	75.00	7.50	2.73		
	Portable irrig. system	15.00	1.50	1.05		
	Tractors & equipment	250.00	9.65	4.45		
	TOTAL	390.00	21.15	9.98		31.13
TOTAL COST PER ACRE						889.29
COST PER TON @ 8 TONS PER ACRE YIELD						111.16

*Includes fringe benefits, Social Security, workmen's compensation, unemployment, health plan, vacation plan and pension plan.