

Sample Costs to Produce Processing Garlic in Monterey County 1970

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Based on a yield of 7 tons per acre	Hours per Acre				Cost per Acre	Cost per Ton
	Man Labor	80 hp. Tract.	45 hp. Tract.	Truck Pickup		
Cover Crop:					---	---
Land preparation: Disc 2x, chisal 2x, land plane 2x	3.5	3.5			19.95	
Pre-plant fertilizer and list: Contract					3.75	
Shape beds and roll	.5		.5		1.90	
Plant:	2.5		.5	.5	7.20	
Irrigations: 10 times	12.0				22.80	
Herbicides: 3 times Contract					9.00	
Side dress fertilizer: 2 times at \$3.00					6.00	
Insecticide applications: 1 time at \$3.00					3.00	
Cultivations: 3 times	1.5		1.5		5.70	
Hoe and weed: 30 hours	30.0				54.00	
Misc. other work	3.0		.5	1.0	8.40	
<b>Total Cultural Labor and Field Power</b>					<b>141.70</b>	<b>20.24</b>
Irrigation water: 2.5 ac. ft. at \$5.00 for power plus \$1.00 booster cost					13.50	
Seed: 1700 lbs. at 7.5¢					127.50	
Fertilizer materials					52.00	
Insecticide and herbicide materials					29.50	
<b>Total Material Cost</b>					<b>222.50</b>	<b>31.79</b>
<b>Total Labor, Field Power and Materials</b>				Tenants	<b>364.20</b>	<b>52.03</b>
Business costs, office, car operation capital, etc., 6% of above				21.85	21.85	
Taxes:					35.00	
Taxes: Equipment, except tractors				3.00	3.00	
Repairs: except trucks and tractors				8.00	8.00	
Rent: 12 months basis				150.00	---	
<b>Total Cash Overhead Costs</b>				<b>182.85</b>	<b>67.85</b>	<b>9.69</b>
<b>Total Cash Costs</b>				<b>547.05</b>	<b>432.05</b>	<b>61.72</b>
Investment overhead	Dollars per Acre					
Costs based on 2000 crop acres	Orig. Cost	Avg. Value	7% Int.	Depre- ciation		
Buildings for equipment	18.00	9.00	.63	.60		
Irrigation wells, pipeline	150.00	75.00	5.25	7.50		
Land: \$2400 value 12 mos. basis	2400.00	2400.00	168.00	---		
<b>Subtotal Real Estate</b>	<b>2568.00</b>	<b>2484.00</b>	<b>173.88</b>	<b>8.10</b>		
Tractors, trucks, etc.	110.00	55.00	3.85	11.00		
Tillage equip., planter, etc.	32.00	16.00	1.12	3.20		
Portable irrig.pipe, sprinklers	28.00	14.00	.98	2.80		
Misc. small equipment	14.00	7.00	.49	1.40		
<b>Total Operator's Equipment</b>	<b>184.00</b>	<b>92.00</b>	<b>6.44</b>	<b>18.40</b>		
<b>Total invest. and depreciation</b>				<b>18.40</b>	<b>26.50</b>	<b>3.79</b>
<b>Total Cash and Depreciation Costs</b>				<b>565.45</b>	<b>458.55</b>	<b>65.51</b>
Interest on Investment				6.44	180.32	25.76
<b>Total Costs to Harvest</b>				<b>571.89</b>	<b>638.87</b>	<b>91.27</b>
Harvest				225.00	225.00	32.14
<b>Total Cost of Production Tenant \$113.89 per ton</b>				<b>796.89</b>	<b>863.87</b>	<b>123.41</b>

Costs per hour total, incl. Social Security and Workmen's Comp. insurance: Equipment operator 2.50, irrigator 1.90, hand labor 1.80. 80 hp. crawler tractor per hour cash costs 3.20, depreciation 1.80, interest 72¢. 45 hp. wheel tractor 1.30, 68¢ and 28¢. Light truck 2.00 per hour cash costs and pickup 1.60 for light work. Sprinkler booster pump costs 2.00 per acre ft. of water.

Sample Costs of Production at Varying Yields

Yield: Tons per Acre	5	6	7	8	9	10
Total Growing Costs per Acre	813.87	838.87	863.87	888.87	913.87	938.87
Total Costs per Ton	162.77	139.81	123.41	111.11	101.54	93.89

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