

SAMPLE COSTS TO PRODUCE PROCESSING GARLIC IN MONTEREY COUNTY - 1971

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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, chisel 2x, land plane 2x	3.5	3.5			20.83	
Pre-plant fertilizer and list: contract					3.75	
Shape beds and roll	.5		.5		2.03	
Plant:	2.5		.5	.5	7.50	
Irrigations: 10x	12.0				26.40	
Herbicides: 3x contract					9.00	
Side dress fertilizer: 2x @ \$3.00					6.00	
Insecticide applications: 1x @ \$3.00					3.00	
Cultivations: 3x	1.5		1.5		6.08	
Hoe and Weed:	30.0				66.00	
Misc., other work	3.0		.5	1.0	8.05	
<b>Total Cultural Labor and Field Power</b>					<b>158.64</b>	<b>22.66</b>
Irrigation water: 2.5 ac ft @ \$5.00 for power, plus \$1.00 booster cost					13.50	
Seed: 1500 lbs @ 7.5¢					112.50	
Fertilizer materials					52.00	
Insecticide and fungicide materials					29.50	
<b>Total Material Cost</b>					<b>207.50</b>	<b>29.64</b>
<b>Total Labor, Field Power and Materials</b>				Tenants	<b>366.14</b>	<b>52.30</b>
Business costs, office, car, operation capital, etc., 8% of above				30.56	30.56	
Taxes:					51.00	
Taxes: Equipment, except tractors				3.00	3.00	
Repairs; except trucks and tractors				8.00	8.00	
Rent:				140.00		
<b>Total Cash Overhead Costs</b>				<b>181.56</b>	<b>92.56</b>	<b>13.23</b>
<b>Total Cash Costs</b>				<b>547.70</b>	<b>458.70</b>	<b>65.53</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 mo. 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>566.10</b>	<b>485.20</b>	<b>69.32</b>
Interest on Investment				6.44	180.32	25.76
<b>Total Costs to Harvest</b>				<b>572.54</b>	<b>665.52</b>	<b>95.07</b>
Harvest				225.00	225.00	32.14
<b>Total Cost of Production</b> Tenant \$113.93 per ton				<b>797.54</b>	<b>890.52</b>	<b>127.21</b>

Labor costs per hour include social security and workmans comp insurance. Equipment operator \$2.75 per hour, all other labor \$2.20 per hour. 80 hp. tracklayer \$3.20 per hour cash costs, depreciation \$1.80 and 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 foot of water.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

For Tenants

Yield: Ton per Acre	5	6	7	8	9	10
Total Growing Costs Per Acre	797.54	797.54	797.54	797.54	797.54	797.54
Total Costs Per Ton	159.51	132.92	113.93	199.69	88.62	79.75

For Owners

Yield: Tons per Acre	5	6	7	8	9	10
Total Growing Costs Per Acre	890.52	890.52	890.52	890.52	890.52	890.52
Total Costs Per Ton	178.10	148.42	127.22	111.32	98.95	89.05