

SAMPLE COSTS OF PRODUCING GARLIC

(open market)

San Benito County, 1973

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35 acres on a 300 acre farm

Yield -- 110 cwt. per acre

Operation	Hrs. Per Acre	Cash and Labor Costs Per Acre				Total
		Labor	Fuel & Repairs	What	Materials Cost	
<u>Cultural Costs</u>						
Land preparation	4.14	\$ 13.17	\$14.15			\$ 27.32
Pre-fertilize & list (contract)				400# 12-12-12	\$ 26.91	26.91
Plant	.42	1.34	.92	1200# cracked	168.00	170.26
Irrigate, sprinklers	2.00		5.76	3 acre inches	4.38	10.14
Irrigate, furrows	8.00	23.04		15 acre inches	14.64	37.68
Cultivate, 5x	.90	2.86	2.47			5.33
Hoe, 2x	25.00	65.00				65.00
Fertilize, sidedress (contract)				350# 21-0-0	16.55	16.55
Weed control, herbicide (contract)				applied	17.41	17.41
Pest control, 1x (contract)				applied	4.12	4.12
TOTAL CULTURAL COST		\$111.17	\$17.54		\$252.01	\$380.72
<u>Harvest Costs</u>						
Lift	.22	\$.74	\$.32			\$ 1.06
Pull & windrow	60.00	156.00				156.00
Top & bin @ 3¢/lb.		330.00				330.00
Bin rent				20¢ cwt.	\$ 22.00	22.00
TOTAL HARVEST COST		\$486.74	\$.32		\$ 22.00	\$509.06
<u>Cash Overhead</u>						
Misc., office, pickup truck, interest on operating costs, etc., 12% of cultural costs						\$ 45.69
Taxes on equipment						12.60
Rent, including well						115.00
TOTAL CASH OVERHEAD						\$173.29
TOTAL CASH COST						\$1063.07
TOTAL CASH COST PER TON					\$ 9.66	
<u>MANAGEMENT</u>						
5% of 11,000 lbs. @ 35¢/lb.						\$192.50
<u>Investment Costs</u>		<u>Per Acre</u>		<u>Annual Cost Per Acre</u>		
				<u>Depreciation</u>	<u>Interest</u>	
TOTAL INVESTMENT OVERHEAD		\$521.85		\$46.02	\$21.97	\$ 67.99
TOTAL COST PER ACRE						\$1323.56
Total Cost per cwt.					\$ 12.03	

COST OF PRODUCTION AT VARYING YIELDS

YIELD - cwt. per acre	90	100	110	120	130
COST PER CWT.	\$13.29	\$12.60	\$12.03	\$11.56	\$11.16

GARLIC

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APPENDIX --- COSTS USED

DETAILS OF LAND PREPARATION COSTS USED

	Size	(1) hrs/acre	Cash and Labor Cost Per Acre			Total Each Time	Total All Times
			Labor	Fuel, Repairs	Total		
Disc, 2x					1.93	3.86	
Tractor, diesel wheel	60 hp	.66	2.10	1.00			
Disc, hydraulic	10 ft	.66		.76			
Chisel, 1x					5.50	5.50	
Tractor, diesel crawler	60 hp	.70	2.23	2.78			
Chisel	10 ft	.70		.49			
Landplane, 2x					2.82	5.64	
Tractor, diesel crawler	60 hp	.66	2.10	2.62			
Landplane	10' x 40'	.66		.92			
Disc & roll, 5x					2.05	10.23	
Tractor, diesel wheel	60 hp	1.68	5.34	2.54			
Disc, hydraulic	10 ft	1.68		1.93			
Roller	21 ft	1.68		.42			
Bedshaper, 2x					1.05	2.09	
Tractor, gas wheel	20 hp	.44	1.40	.44			
Bedshaper	3-bed	.44		.25			
TOTAL LAND PREPARATION		4.14	13.17	14.15		27.32	
(1) Horsepower at 75% of maximum							

INVESTMENT COSTS INCLUDED

INVESTMENT	PER ACRE	ANNUAL COST PER ACRE		
		Depreciation	Interest	Total
Shop equipment and storage	50.00	1.25	2.00	3.25
Trucks, two ½-ton pickups, one 2-ton	45.00	5.10	1.80	6.90
Tractor, 60 hp diesel crawler	120.67	8.04	4.49	12.53
Tractor, 60 hp diesel wheel	141.00	4.10	1.64	5.74
Tractors, gas, one 20 hp, one 40 hp	33.92	4.39	1.76	6.15
Plow, hydraulic, 2-way, 4-16	20.00	2.00	.80	2.80
Chisel, 10 ft.	5.17	.52	.21	.73
Landplane, 10 ft. x 40 ft.	19.67	1.31	.71	2.02
Disc, hydraulic, 10 ft.	10.33	1.03	.41	1.44
Harrow, spike, 16 ft.	1.87	.09	.07	.16
Cultivating sled, 3-bed	6.67	.67	.27	.94
Bed shaper, 3-bed	2.83	.28	.11	.39
Planter, garlic	28.57	2.89	1.14	4.03
Sprinklers, laterals, risers, mainline, gated pipe	31.35	3.14	2.51	5.65
Booster pumps, two 50 hp	46.67	5.83	1.87	7.70
Rotary Rod and Roller	15.43	.66	.48	1.14
Shears and baskets	2.70	.72	.10	.82
Forklifts, two	40.00	4.00	1.60	5.60
TOTAL INVESTMENT OVERHEAD	521.85	46.02	21.97	67.99

HOURLY LABOR RATES USED

	Base Rate	Fringes & Other	Total		Base Rate	Fringes & Other	Total
Tractor driver	\$2.65	\$.53	\$3.18	Field Hands	\$2.25	\$.35	\$2.60
Irrigators	2.40	.48	2.88				