

COST ANALYSIS WORK SHEET - GARLIC - FRESNO COUNTY - 1972

GL-VS-72

BASED ON A YIELD OF 6 TONS PER ACRE FIELD RUN

Man labor at \$2.30 per hour total, and equipment operator \$2.60 including Social Security and Workman's Compensation Insurance. 80 h.p. crawler tractor per hour cash costs \$4.70, depreciation \$2.00 and interest \$1.50. 50 h.p. wheel tractor \$1.60, \$1.15 and 60¢. Costs are figured on a 12 month basis, although garlic may only occupy the land for up to 75% of the year.

Donald May, Farm Advisor, Fresno County

Edward A. Yeary, Farm Advisor-Statewide

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
Pre-Harvest Cash Costs:				
Disc 2X: 1 hr. crawler, tractor	\$ 7.30			
Chisel 2X: 1 hr. crawler, tractor	7.30			
Landplane 2X: 1 hr. crawler, tractor	7.30			
List and fertilize: 1 hr. wheel tractor	4.20			
400 lbs. N material @ \$80/ton	16.00			
Pre-Irrigate: 6" water at \$12 ac. ft. including booster pump (\$2.00) labor	6.00			
	3.00			
Shape beds and plant: 1/3 hr. per acre, 3 men and wheel tractor	2.93			
Machine hire	3.15			
*Seed (all furnished by grower) 1500 lbs. at 22¢	330.00			
Irrigate 10X: 2½ ft. water at \$12.00 including booster, pump	30.00			
labor: \$1.75 per time	21.10			
fertilizer: 150 lbs. N at 8¢	12.00			
Cultivate 2X: 1 hr. wheel tractor	4.20			
Hand weeding: 10 hrs. total	23.00			
Rent (12 month basis)	60.00			
Supervision	10.00			
Misc. labor, materials, inc. 1 hr. wheel tractor	7.25			
Repairs to equipment except tractors	10.00			
Office, car, operating capital, business costs	49.48			
TOTAL PRE-HARVEST CASH COSTS	\$614.21	\$102.36		
Harvesting Costs:				
Lift 1 hr. man and wheel tractor	\$ 4.20			
Machine rent	52.50			
Contract labor	163.35			
Bags, sack, and haul, inc. 1 hour man and wheel tractor	40.00			
TOTAL HARVESTING COSTS	\$260.05	\$ 43.34		
TOTAL CASH COSTS	\$874.26	\$145.71		
Depreciation:				
80 h.p. crawler tractor 3 hrs. at \$1.80	6.00			
50 h.p. wheel tractor 4 5/6 hrs. at 74¢	5.55			
Other equipment: \$90.00 - 10 years	9.00			
TOTAL DEPRECIATION	\$ 20.55	\$ 3.42		
Interest on Investment at 7%:				
80 h.p. crawler tractor, 3 hrs. at 72¢	\$ 4.50			
50 h.p. wheel tractor, 4 5/6 hrs. at 30¢	2.90			
Other equipment 1/2 cost \$45	3.15			
TOTAL INTEREST ON INVESTMENT (tenant)	\$ 10.55	\$ 1.75		
TOTAL COST OF PRODUCTION (tenant)	\$905.36	\$150.89		

*If the processor furnishes all or part of the seed cost, this item will be reduced and the grower will receive a lower contract price.

SAMPLE COSTS OF PRODUCTION PER TON AT VARYING YIELDS

Yield: Tons Per Acre	5	6	7	8	9	10
Cash Costs of Production	174.85	145.71	124.89	109.28	97.14	87.42
Total (tenant) Cost of Production	181.07	150.89	129.33	113.17	100.59	90.53

SAMPLE TENANTS COSTS PER TON AT THE INDICATED
YIELDS WITH VARYING WATER COSTS

Yield: Tons Per Acre	Tenants costs/ton for garlic at indicated costs/acre foot					
	\$ 1.00	\$ 3.00	\$ 6.00	\$ 12.00	\$ 15.00	\$ 18.00
5	174.47	175.67	177.47	181.07	182.87	184.67
6	145.39	146.39	147.89	150.89	152.39	153.89
7	124.62	125.48	126.76	129.39	130.62	131.90
8	109.04	109.79	110.92	113.17	114.29	115.42
9	96.92	97.59	98.59	100.59	101.59	102.59
10	87.23	87.83	88.73	90.53	91.43	92.33

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4/9/73