

COST ANALYSIS WORK SHEET - GARLIC - FRESNO COUNTY - 1983  
 BASED ON A YIELD OF 7 TONS PER ACRE FIELD RUN

Field labor at \$5.50 per hour total, and equipment operator \$6.50 including Social Security and Workman's Compensation Insurance. 150 h.p. crawler tractor per hour cash costs \$25.60, depreciation \$5.00 and interest \$4.50. 50 h.p. wheel tractor \$7.96, \$1.94 and \$1.16. 80 h.p. wheel tractor \$12.80, \$2.16 and \$1.30. 150 h.p. 4-wheel drive diesel \$23.00, \$4.00 and \$2.40. Costs are figured on a 12 month basis, although garlic may only occupy the land for up to 75% of the year.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
<b>Pre-Harvest Cash Costs:</b>				
Disc 2X: 1 hr. crawler tractor	\$ 32.10			
Chisel 2X: 1 hr. crawler tractor	32.10			
Landplane 2X: 1 hr. crawler tractor	32.10			
List and fertilize: 1 hr. 1540 4-w.d. tractor	29.50			
Material and application	137.00			
Shape beds and plant:				
1/3 hr. per acre, 3 men & 80 h.p. wheel tractor	10.10			
Irrigate 12X: 3-1/2 ft. water @ \$20.00 plus booster pump @ \$2/ac. ft.	77.00			
labor: 3/4 hr. per time	49.50			
fertilizer: 150 lbs. N at 16¢	24.00			
Cultivate 5X: 2 hr. 80 h.p. wheel tractor	38.60			
Hand weeding and herbicide total	136.50			
Rent (12 months basis)	125.00			
Supervision	18.00			
Misc. labor, materials, inc. 1 hr. 50 h.p. wheel tractor	22.00			
Repairs to equipment except tractors	18.00			
Office, car, operating capital, busines cost	62.52			
TOTAL PRE-HARVEST CASH COSTS	844.00	120.57		
TOTAL HARVESTING COSTS			Paid by processor	
TOTAL CASH COSTS	844.00	120.57		
<b>Depreciation:</b>				
80 h.p. wheel tractor, 2-1/3 hrs. @ \$2.16	5.04			
150 4-w.d., 1 hr. @ \$4.00	4.00			
150 h.p. crawler tractor, 3 hrs. @ \$5.00	15.00			
50 h.p. wheel tractor, 1 hr. @ \$1.94	1.94			
Other equipment: \$180 10 years	18.00			
TOTAL DEPRECIATION	43.98	6.28		
<b>Interest on Investment at 12%:</b>				
80 h.p. wheel tractor, 2-1/3 hrs. @ \$1.30	3.03			
150 h.p. 4-w.d., 1 hr. @ \$2.40	2.40			
150 h.p. crawler tractor, 3 hrs. @ \$4.50	13.50			
50 h.p. wheel tractor, 1 hr. @ \$1.16	1.16			
Other equipment 1/2 cost \$90	10.80			
TOTAL INTEREST ON INVESTMENT (tenant)	30.89	4.41		
TOTAL COST OF PRODUCTION (tenant)	918.87	131.26		

Processor furnishes the seed and harvest cost.

SAMPLE COSTS OF PRODUCTION PER TON AT VARYING YIELDS.

Yield: Tons Per Acre	4	5	Average 6	7	8
Cash Costs of Production	195.38	156.30	130.25	116.64	97.69
Total (tenant) Cost of Production	229.72	183.77	153.14	131.26	114.86

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