

Weighted Average Cost of Production					
Garlic, 2023-24					
No.	Operation / Inputs	Avg. No. of Operation / Unit (/acre)	(%) of Usage (Weights)	Avg. Cost per Operation / Unit (Rs./acre)	Total Weighted Cost (Rs./acre)
1	Deep Ploughing	1	57%	4202	2395
	Ploughing	2.9	100%	2224	6450
	Planking	1	100%	1077	1077
	Leveling	1	41%	4178	1713
	Cost of Land Preparation				
2	Seed Quantity (kg)	300	100%	286	85800
	Seed Drilling				
	Seed Broadcasting	1	42%	11900	4998
	Seed Treatment				
	Bridging	1	58%	2935	1702
Cost of Seed & Sowing					92500
3	Water Cost	6	93%	2356	13146
	Water Labour	1	93%	300	1674
	Cost of Irrigation				
4	Urea	1.3	94%	4000	4888
	DAP	1	97%	13500	13095
	Other Fertilizer	1	23%	7828	1800
	Fertilizer Labour/Transport	1	94%	494	464
Cost of Fertilizer					20248
5	Dung trolley	2.8	59%	2095	3461
	Dung Labour/Transport	1	59%	2939	4855
	Cost of Dung				
6	Spray Pesticides	2	83%	1477	2452
	Spray Pest Labour	1	83%	350	581
	Cost of Pesticides				
7	Spray Weedicides	1	28%	1222	342
	Spray Weeds Labour	1	28%	400	112
	Hoing Labour	1	80%	9552	7642
	Cost of Weedicides				
8	Pick / Dig Cost	1	100%	14135	14135
	Manual Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
Cost of Harvesting					14135
9	Full / Half Yearly Land Rent (Rs./acre)				40000
10	Admin. Cost				
	Tunnel Cost				
	Cost of Other Exp.				
11	Transport Rent	1	100%	7569	7569
	Transport Labour	1	100%	2084	2084
	Bar Dana (Bags)	1	52%	4967	2583
	Cost of Transport				
Cost of Production		At Mandi Gate (With Land Rent)		(Rs./ acre)	225,019
				(Rs./ 40 Kg)	2,528
Average Yield		for the Last 3 Years		(40kg/acre)	89.0
Expected Revenue		Crop Value @ 3,160		(Rs./acre)	281,274
		Residual Value		(Rs./acre)	
		Gross Revenue		(Rs./acre)	281,274
Expected Profit		At Mandi Gate (With Land Rent)		(Rs./acre)	56,255
				(Rs./40kg)	632
Indicative Price (Rs./ 40 Kg) @ 25%				3,160	

Source: Crop Reporting Service, Agriculture Deptt, Punjab