

Weighted Average Cost of Production

Red Chilli, 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	86%	3604	3099
	Ploughing	2.6	100%	2010	5226
	Planking	2	100%	1600	3200
	Leveling	1	20%	3904	781
	Cost of Land Preparation				
2	Seed Quantity (kg)	0.2	100%	65733	13147
	Seed Drilling				
	Seed Transmission	1	100%	4575	4575
	Seed Treatment				
	Bridging	1	100%	3130	3130
Cost of Seed & Sowing					20852
3	Water Cost	10	78%	2449	19102
	Water Labour	1	78%	288	2246
	Cost of Irrigation				
4	Urea	2.7	94%	4000	10152
	DAP	1.6	97%	13500	20952
	Other Fertilizer	1	60%	9519	5711
	Fertilizer Labour/Transport	1	94%	859	807
Cost of Fertilizer					37623
5	Dung trolley				
	Dung Labour/Transport				
Cost of Dung					
6	Spray Pesticides	8	100%	1857	14856
	Spray Pest Labour	1	100%	386	3088
	Cost of Pesticides				
7	Spray Weedicides	1	89%	1245	1108
	Spray Weeds Labour	1	89%	386	344
	Hoing Labour	1	91%	5421	4933
	Cost of Weedicides				
8	Pick / Dig Cost	1	100%	31963	31963
	Manual Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
Cost of Harvesting					31963
9 Full / Half Yearly Land Rent (Rs./acre)					40000
10	Admin. Cost				
	Tunnel Cost				
	Cost of Other Exp.				
11	Transport Rent	1	61%	5615	3425
	Transport Labour	1	61%	1539	939
	Bar Dana (Bags)	1	49%	2805	1374
	Cost of Transport				
Cost of Production		At Mandi Gate (With Land Rent)		(Rs./ acre)	194,159
				(Rs./ 40 Kg)	8,333
Average Yield		for the Last 3 Years		(40kg/acre)	23.3
Expected Revenue		Crop Value @ 10,416		(Rs./acre)	242,699
		Residual Value		(Rs./acre)	
		Gross Revenue		(Rs./acre)	242,699
Expected Profit		At Mandi Gate (With Land Rent)		(Rs./acre)	48,540
				(Rs./40kg)	2,083
Indicative Price (Rs./ 40 Kg) @ 25%				10,416	

Source: Crop Reporting Service, Agriculture Deptt, Punjab