

Weighted Average Cost of Production

Matter Green, 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	63%	3818	2405
	Ploughing	3	100%	2012	6036
	Planking	2	100%	992	1984
	Leveling	1	32%	3371	1079
	Cost of Land Preparation				
2	Seed Quantity (kg)	46	100%	692	31832
	Seed Drilling	1	7%	1862	130
	Seed Transmission	1	100%	2411	2411
	Seed Treatment				
	Bridging	1	100%	2735	2735
Cost of Seed & Sowing					37108
3	Water Cost	6	100%	2048	12288
	Water Labour	1	100%	244	1464
	Cost of Irrigation				
4	Urea	2	100%	4087	8174
	DAP	1	90%	13187	11868
	Other Fertilizer	1	35%	8844	3095
	Fertilizer Labour/Transport	1	100%	521	521
Cost of Fertilizer					23659
5	Dung trolley				
	Dung Labour/Transport				
Cost of Dung					
6	Spray Pesticides	3	100%	1315	3945
	Spray Pest Labour	1	100%	292	876
	Cost of Pesticides				
7	Spray Weedicides	1	64%	1285	822
	Spray Weeds Labour	1	64%	386	247
	Hoing Labour	1	15%	4117	618
	Cost of Weedicides				
8	Pick / Dig Cost	1	100%	15605	15605
	Manual Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
Cost of Harvesting					15605
9 Full / Half Yearly Land Rent (Rs./acre)					40000
10	Admin. Cost				
	Tunnel Cost				
	Cost of Other Exp.				
11	Transport Rent	1	100%	6278	6278
	Transport Labour	1	100%	3416	3416
	Bar Dana (Bags)	1	99%	4785	4737
	Cost of Transport				
Cost of Production		At Mandi Gate (With Land Rent)		(Rs./ acre)	162,567
				(Rs./ 40 Kg)	1,942
Average Yield		for the Last 3 Years		(40kg/acre)	83.7
Expected Revenue		Crop Value @ 2,428		(Rs./acre)	203,209
		Residual Value		(Rs./acre)	
		Gross Revenue		(Rs./acre)	203,209
Expected Profit		At Mandi Gate (With Land Rent)		(Rs./acre)	40,642
				(Rs./40kg)	486
Indicative Price (Rs./ 40 Kg) @ 25%				2,428	

Source: Crop Reporting Service, Agriculture Deptt, Punjab