

## Weighted Average Cost of Production

### Onion, 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%	3732	3210
	Ploughing	2.7	100%	2014	5438
	Planking	1.7	100%	1570	2669
	Leveling	1	26%	4029	1048
	<b>Cost of Land Preparation</b>				<b>12364</b>
2	Seed Quantity (kg)	2.2	100%	5663	12459
	Seed Drilling				
	Seed Broadcasting	1	100%	6171	6171
	Seed Treatment				
	Bridging	1	95%	2394	2274
	<b>Cost of Seed &amp; Sowing</b>				<b>20904</b>
3	Water Cost	9	92%	2203	18241
	Water Labour	1	92%	320	2650
	<b>Cost of Irrigation</b>				<b>20890</b>
4	Urea	1.5	100%	3958	5937
	DAP	1	88%	13104	11532
	Other Fertilizer	1	27%	8776	2370
	Fertilizer Labour/Transport	1	100%	325	325
	<b>Cost of Fertilizer</b>				<b>20163</b>
5	Dung trolley	2.4	24%	1517	874
	Dung Labour/Transport	1	24%	1387	799
	<b>Cost of Dung</b>				<b>1673</b>
6	Spray Pesticides	2.6	97%	1518	3828
	Spray Pest Labour	1	97%	352	888
	<b>Cost of Pesticides</b>				<b>4716</b>
7	Spray Weedicides	1	67%	1295	868
	Spray Weeds Labour	1	67%	367	246
	Hoing Labour	1	70%	6041	4229
	<b>Cost of Weedicides</b>				<b>5342</b>
8	Pick / Dig Cost	1	100%	9805	9805
	Manual Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
	<b>Cost of Harvesting</b>				<b>9805</b>
9	<b>Full / Half Yearly Land Rent (Rs./acre)</b>				<b>40000</b>
10	Admin. Cost	1	7%	8292	580
	Tunnel Cost				
	<b>Cost of Other Exp.</b>				<b>580</b>
11	Transport Rent	1	81%	6099	4940
	Transport Labour	1	81%	2580	2090
	Bar Dana (Bags)	1	58%	4561	2645
	<b>Cost of Transport</b>				<b>9675</b>
<b>Cost of Production</b>		<b>At Mandi Gate (With Land Rent)</b>		(Rs./ acre)	<b>146,113</b>
				(Rs./ 40 Kg)	<b>1,160</b>
<b>Average Yield</b>		for the Last 3 Years		(40kg/acre)	<b>126.0</b>
<b>Expected Revenue</b>	<b>Crop Value @ 1,450</b>			(Rs./acre)	<b>182,641</b>
	<b>Residual Value</b>			(Rs./acre)	
	<b>Gross Revenue</b>			(Rs./acre)	<b>182,641</b>
<b>Expected Profit</b>	<b>At Mandi Gate (With Land Rent)</b>			(Rs./acre)	<b>36,528</b>
				(Rs./40kg)	<b>290</b>
<b>Indicative Price (Rs./ 40 Kg) @ 25%</b>					<b>1,450</b>

Source: Crop Reporting Service, Agriculture Deptt, Punjab