

## Weighted Average Cost of Production

### Carrot, 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	81%	4455	3609
	Ploughing	3	100%	2073	6219
	Planking	1.7	100%	1291	2195
	Leveling	1	42%	3955	1661
	<b>Cost of Land Preparation</b>				
2	Seed Quantity (kg)	13.4	100%	2460	32964
	Seed Drilling				
	Seed Transmission	1	100%	2592	2592
	Seed Treatment				
	Bridging	1	100%	3557	3557
<b>Cost of Seed &amp; Sowing</b>					<b>39113</b>
3	Water Cost	5.8	97%	1931	10864
	Water Labour	1	97%	309	1738
	<b>Cost of Irrigation</b>				
4	Urea	1	80%	4000	3200
	DAP	1	66%	13500	8910
	Other Fertilizer	1	34%	8050	2737
	Fertilizer Labour/Transport	1	80%	474	379
<b>Cost of Fertilizer</b>					<b>15226</b>
5	Dung trolley				
	Dung Labour/Transport				
<b>Cost of Dung</b>					
6	Spray Pesticides	1.6	92%	1605	2363
	Spray Pest Labour	1	92%	402	592
	<b>Cost of Pesticides</b>				
7	Spray Weedicides	1	77%	1471	1133
	Spray Weeds Labour	1	77%	444	342
	Hoing Labour	1	3%	9552	287
	<b>Cost of Weedicides</b>				
8	Pick / Dig Cost	1	100%	24557	24557
	Manual Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
<b>Cost of Harvesting</b>					<b>24557</b>
<b>9 Full / Half Yearly Land Rent (Rs./acre)</b>					<b>50000</b>
10	Admin. Cost				
	Tunnel Cost				
	<b>Cost of Other Exp.</b>				
11	Transport Rent	1	97%	15294	14835
	Transport Labour	1	97%	8275	8027
	Bar Dana (Bags)	1	86%	9654	8302
	<b>Cost of Transport</b>				
<b>Cost of Production</b>		<b>At Mandi Gate (With Land Rent)</b>		(Rs./ acre)	<b>191,062</b>
				(Rs./ 40 Kg)	<b>603</b>
<b>Average Yield</b>		for the Last 3 Years		(40kg/acre)	<b>317.0</b>
<b>Expected Revenue</b>		<b>Crop Value @ 753</b>		(Rs./acre)	<b>238,827</b>
		<b>Residual Value</b>		(Rs./acre)	
		<b>Gross Revenue</b>		(Rs./acre)	<b>238,827</b>
<b>Expected Profit</b>		<b>At Mandi Gate (With Land Rent)</b>		(Rs./acre)	<b>47,765</b>
				(Rs./40kg)	<b>151</b>
<b>Indicative Price (Rs./ 40 Kg) @ 25%</b>				<b>753</b>	

Source: Crop Reporting Service, Agriculture Deptt, Punjab