

<b>Weighted Average Cost of Production</b>					
<b>Radish, 2023-24</b>					
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	20%	3867	773
	Ploughing	3	100%	2071	6213
	Planking	1.9	100%	1161	2206
	Leveling	1	34%	4085	1389
	<b>Cost of Land Preparation</b>				
2	Seed Quantity (kg)	3	100%	2751	8253
	Seed Drilling				
	Seed Transmission	1	21%	2420	508
	Seed Treatment				
	Bridging	1	79%	3378	2669
<b>Cost of Seed &amp; Sowing</b>					<b>11430</b>
3	Water Cost	5	100%	1672	8360
	Water Labour	1	100%	256	1280
	<b>Cost of Irrigation</b>				
4	Urea	1.2	100%	4000	4800
	DAP	1	86%	13500	11610
	Other Fertilizer	1	10%	6600	660
	Fertilizer Labour/Transport	1	100%	457	457
<b>Cost of Fertilizer</b>					<b>17527</b>
5	Dung trolley				
	Dung Labour/Transport				
<b>Cost of Dung</b>					
6	Spray Pesticides	1.7	97%	1554	2563
	Spray Pest Labour	1	97%	364	600
	<b>Cost of Pesticides</b>				
7	Spray Weedicides	1	52%	1413	735
	Spray Weeds Labour	1	52%	502	261
	Hoing Labour	1	7%	4000	280
	<b>Cost of Weedicides</b>				
8	Pick / Dig Cost	1	100%	15092	15092
	Manual Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
<b>Cost of Harvesting</b>					<b>15092</b>
9	<b>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	100%	15275	15275
	Transport Labour	1	100%	6306	6306
	Bar Dana (Bags)	1	24%	3100	744
	<b>Cost of Transport</b>				
<b>Cost of Production</b>		<b>At Mandi Gate (With Land Rent)</b>		(Rs./ acre)	<b>141,034</b>
				(Rs./ 40 Kg)	<b>621</b>
<b>Average Yield</b>		for the Last 3 Years		(40kg/acre)	<b>227.1</b>
<b>Expected Revenue</b>		<b>Crop Value @ 776</b>		(Rs./acre)	<b>176,292</b>
		<b>Residual Value</b>		(Rs./acre)	
		<b>Gross Revenue</b>		(Rs./acre)	<b>176,292</b>
<b>Expected Profit</b>		<b>At Mandi Gate (With Land Rent)</b>		(Rs./acre)	<b>35,258</b>
				(Rs./40kg)	<b>155</b>
<b>Indicative Price (Rs./ 40 Kg) @ 25%</b>				<b>776</b>	

Source: Crop Reporting Service, Agriculture Deptt, Punjab