

<b>Weighted Average Cost of Production</b>					
<b>Bittergourd, 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	87%	3500	3045
	Ploughing	3	93%	2202	6144
	Planking	2	97%	1307	2536
	Leveling	1	97%	3374	3273
	<b>Cost of Land Prep</b>				<b>14997</b>
2	Seed Quantity (kg)	1.7	100%	19148	32552
	Seed Drilling				
	Seed Transmission	1	100%	2147	2147
	Seed Treatment				
	Bridging	1	100%	2428	2428
<b>Cost of Seed &amp; Sowing</b>				<b>37127</b>	
3	Water No	13	100%	1187	15431
	Water Labour	1	67%	275	184
	Canal Labour	1	62%	257	159
<b>Cost of Water</b>				<b>15775</b>	
4	Urea	3	97%	2800	8148
	DAP	2	100%	11000	22000
	Other Fertilizer	1	62%	10346	6415
	Fertilizer Labour	1	63%	543	342
	Fertilizer Transport	1	98%	497	487
<b>Cost of Fertilizer</b>				<b>37392</b>	
5	Dung trolley	3	7%	1725	362
	Dung Transport	1	7%	1263	88
	Dung Labour	1	7%	1238	87
<b>Cost of Dung</b>				<b>537</b>	
6	Spray Pesticides	10	100%	1426	14260
	Spray Pest Labour	1	80%	407	3256
<b>Cost of Pesticides</b>				<b>17516</b>	
7	Spray Weedicides	1	62%	1334	827
	Spray Weeds Labr	1	62%	414	257
	Hoing Labour	1	28%	7253	2031
<b>Cost of Weedicides</b>				<b>3115</b>	
8	Pick / Dig Cost	1	92%	26791	24648
	Cutting Cost	1	2%	50000	1000
	Threshing Cost				
	Machine Harvesting				
<b>Cost of Harvesting</b>				<b>25648</b>	
<b>9 Full / Half Yearly Land Rent (Rs./acre)</b>				<b>25000</b>	
10	Admin. Cost	1	57%	6114	3485
	Tunnel Cost	1	75%	45567	34175
<b>Cost of Other Exp.</b>				<b>37660</b>	
11	Transport Rent	1	97%	17036	16525
	Transport Labour	1	75%	7184	5388
	Bar Dana (Bags)	1	100%	11205	11205
<b>Cost of Transport</b>				<b>33118</b>	
<b>Cost of Production</b>	<b>At Mandi Gate</b>			(Rs./ acre)	<b>247,884</b>
	<b>(With Land Rent)</b>			(Rs./ 40 Kg)	<b>1,458</b>
	<b>At Farm Gate</b>		(With	(Rs./ acre)	<b>214,766</b>
	<b>Land Rent)</b>			(Rs./ 40 Kg)	<b>1,263</b>
<b>Avg. Yield</b>	Last 3 Years			(40kg/acre)	<b>170.0</b>
<b>Gross Revenue</b>	<b>Crop Price</b>	<b>Mandi Gate</b>		<b>2231</b>	<b>379,270</b>
	<b>@(Rs./40kg)</b>	<b>Farm Gate</b>			
	<b>Residual</b>			(Rs./acre)	
	<b>Net Revenue</b>	<b>Mandi Gate</b>		(Rs./acre)	<b>379,270</b>
		<b>Farm Gate</b>			
<b>Profit</b>	<b>At Mandi Gate</b>			(Rs./acre)	<b>131,386</b>
	<b>(With Land Rent)</b>			(Rs./40kg)	<b>773</b>
	<b>At Farm Gate</b>			(Rs./acre)	
	<b>(With Land Rent)</b>			(Rs./40kg)	
<b>Proposed Price (Rs./ 40 Kg) @</b>			<b>25%</b>		<b>1,823</b>

Source: Crop Reporting Service, Agriculture Deptt, Punjab