

Weighted Average Cost of Production					
Brinjal, 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	76%	3408	2590
	Ploughing	3	90%	2031	5484
	Planking	2	89%	1224	2179
	Leveling	1	66%	3696	2439
	Cost of Land Prep				12692
2	Seed Quantity (kg)	0.22	100%	41206	9065
	Seed Drilling				
	Seed Transmission	1	82%	2878	2360
	Seed Treatment	1	21%	976	205
	Bridging	1	100%	2266	2266
Cost of Seed & Sowing				13896	
3	Water No	21	99%	1335	27755
	Water Labour	1	63%	279	176
	Canal Labour	1	67%	262	176
Cost of Water				28106	
4	Urea	3.6	100%	2800	10080
	DAP	1.3	100%	11000	14300
	Other Fertilizer	1	50%	6948	3474
	Fertilizer Labour	1	71%	529	376
	Fertilizer Transport	1	91%	438	399
Cost of Fertilizer				28628	
5	Dung trolley				
	Dung Transport				
	Dung Labour				
Cost of Dung					
6	Spray Pesticides	22	100%	1286	28292
	Spray Pest Labour	1	84%	389	7189
Cost of Pesticides				35481	
7	Spray Weedicides	1.6	30%	1424	684
	Spray Weeds Labr	1	28%	376	168
	Hoing Labour	1	72%	77789	56008
Cost of Weedicides				56860	
8	Pick / Dig Cost	1	90%	29244	26320
	Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
Cost of Harvesting				26320	
9	Full / Half Yearly Land Rent (Rs./acre)				25000
10	Admin. Cost	1	41%	6394	2622
	Tunnel Cost	1	10%	68000	6800
Cost of Other Exp.				9422	
11	Transport Rent	1	90%	15850	14265
	Transport Labour	1	62%	5791	3590
	Bar Dana (Bags)	1	90%	17088	15379
Cost of Transport				33235	
Cost of Production	At Mandi Gate			(Rs./ acre)	269,639
	(With Land Rent)			(Rs./ 40 Kg)	1,458
	At Farm Gate		(With	(Rs./ acre)	236,404
	Land Rent)			(Rs./ 40 Kg)	1,278
Avg. Yield	Last 3 Years		(40kg/acre)		185.0
Gross Revenue	Crop Price @ (Rs./40kg)	Mandi Gate		1674	309,690
		Farm Gate			
	Residual			(Rs./acre)	
	Net Revenue	Mandi Gate		(Rs./acre)	309,690
Farm Gate					
Profit	At Mandi Gate			(Rs./acre)	40,051
	(With Land Rent)			(Rs./40kg)	216
	At Farm Gate			(Rs./acre)	
	(With Land Rent)			(Rs./40kg)	
Proposed Price (Rs./ 40 Kg) @			25%		1,822

Source: Crop Reporting Service, Agriculture Deptt, Punjab