

Weighted Average Cost of Production					
Brinjal, 2022-23					
No.	Operation / Inputs	Avg. No. of Operation / Unit Acre)	Percentage of Usage (%)	Avg. Cost per Operation/ Unit (Rs./acre)	Total Weighted Cost (Rs./acre)
1	Deep Ploughing	1	100%	1595	1595
	Ploughing	3	78%	943	2207
	Planking	2	80%	545	872
	Leveling	1	61%	1554	948
	Cost of Land Prep				5622
2	Seed Quantity (kg)	0.3	100%	25797	7739
	Seed Drilling				
	Seed Broadcasting	1	84%	2471	2076
	Seed Treatment	1	28%	596	167
	Bridging	1	96%	1479	1420
	Cost of Seed & Sowing				11401
3	Water No	19	100%	904	17176
	Water Labour	1	63%	178	112
	Canal Labour	1	52%	185	96
	Cost of Water				17384
4	Urea	2	91%	1850	3367
	DAP	1	100%	9800	9800
	Other Fertilizer	1	22%	8650	1903
	Fertilizer Labour	1	62%	395	245
	Fertilizer Transport	1	85%	187	159
	Cost of Fertilizer				15474
5	Dung trolly	2	6%	1675	201
	Dung Transport	1	6%	980	59
	Dung Labour	1	6%	1000	60
	Cost of Dung				320
6	Spray Pesticides	18	100%	965	17370
	Spray Pest Labour	1	83%	247	205
	Cost of Pesticides				17575
7	Spray Weedicides	1	33%	843	278
	Spray Weeds Labr	1	30%	268	80
	Hoing Labour	1	90%	4996	4496
	Cost of Weedicides				4855
8	Pick / Dig Cost	1	100%	18035	18035
	Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
	Cost of Harvesting				18035
9	Full / Half Yearly Land Rent (Rs./acre)				20000
10	Admin. Cost	1	7%	5383	377
	Tunnel Cost	1	27%	77083	20812
	Cost of Other Exp.				21189
11	Transport Rent	1	100%	10611	10611
	Transport Labour	1	71%	3377	2398
	Bar Dana (Bags)	1	96%	9216	8847
	Cost of Transport				21856
Cost of Production		At Mandi Gate		(Rs./ acre)	153,711
		(With Land Rent)		(Rs./ 40 Kg)	831
		At Farm Gate		(Rs./ acre)	131,855
		(With Land Rent)		(Rs./ 40 Kg)	713
Avg. Yield		Last 3 Years		(40kg/acre)	185.0
Gross Revenue		Net Crop Value	Mandi Gate	1258	232,730
		@ (Rs./40 kg)	Farm Gate	1222	226,070
		Residual		(Rs./acre)	
		Net Revenue	Mandi Gate		232,730
			Farm Gate	(Rs./acre)	226,070
Profit		At Mandi Gate		(Rs./acre)	79,019
		(With Land Rent)		(Rs./40kg)	427
		At Farm Gate		(Rs./acre)	94,215
		(Land Rent)		(Rs./40kg)	509
Indicative Price (Rs./ 40 Kg) @			25%		1,039

Source: Crop Reporting Service, Agriculture Deptt, Punjab