

Weighted Average Cost of Production							
Bottle Gourd, 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	2	60%	3724	4469		
	Ploughing	4	96%	2028	7788		
	Planking	2	90%	1115	2007		
	Leveling	1	42%	3151	1323		
	Cost of Land Prep				15587		
2	Seed Quantity (kg)	1.5	100%	13813	20720		
	Seed Drilling						
	Seed Transmission	1	61%	2207	1346		
	Seed Treatment						
	Bridging	1	98%	2168	2125		
Cost of Seed & Sowing				24190			
3	Water No	12	98%	1207	14194		
	Water Labour	1	60%	273	164		
	Canal Labour	1	54%	263	142		
Cost of Water				14500			
4	Urea	3	94%	2800	7896		
	DAP	2	93%	11000	20460		
	Other Fertilizer	1	14%	7446	1042		
	Fertilizer Labour	1	62%	548	340		
	Fertilizer Transport	1	97%	404	392		
Cost of Fertilizer				30130			
5	Dung trolley						
	Dung Transport						
	Dung Labour						
Cost of Dung							
6	Spray Pesticides	10	100%	1305	13050		
	Spray Pest Labour	1	71%	385	2734		
Cost of Pesticides				15784			
7	Spray Weedicides	1	46%	1333	613		
	Spray Weeds Labr	1	46%	398	183		
	Hoing Labour	1	50%	4063	2032		
Cost of Weedicides				2828			
8	Pick / Dig Cost	1	79%	24452	19317		
	Cutting Cost						
	Threshing Cost						
	Machine Harvesting						
Cost of Harvesting				19317			
9	Full / Half Yearly Land Rent (Rs./acre)				25000		
10	Admin. Cost	1	40%	6319	2528		
	Tunnel Cost	1	7%	65833	4608		
Cost of Other Exp.				7136			
11	Transport Rent	1	97%	13980	13561		
	Transport Labour	1	51%	4893	2495		
	Bar Dana (Bags)	1	97%	12689	12308		
Cost of Transport				28364			
Cost of Production		At Mandi Gate		(Rs./ acre)	182,836		
		(With Land Rent)		(Rs./ 40 Kg)	1,036		
		At Farm Gate		(Rs./ acre)	154,472		
		(With Land Rent)		(Rs./ 40 Kg)	875		
Avg. Yield		Last 3 Years		(40kg/acre)	176.5		
Gross Revenue		Crop Price @ (Rs./40kg)	Mandi Gate	2113	372,945		
			Farm Gate				
		Residual				(Rs./acre)	
		Net Revenue	Mandi Gate				(Rs./acre)
Farm Gate							
Profit		At Mandi Gate		(Rs./acre)	190,109		
		(With Land Rent)		(Rs./40kg)	1,077		
		At Farm Gate				(Rs./acre)	
		(With Land Rent)				(Rs./40kg)	
Proposed Price (Rs./ 40 Kg) @			25%	1,295			

Source: Crop Reporting Service, Agriculture Deptt, Punjab