

Weighted Average Cost of Production					
Cucumber, 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	1.7	87%	1681	2486
	Ploughing	3	67%	885	1779
	Planking	2	73%	664	969
	Leveling	1	53%	1687	894
	Cost of Land Prep				6129
2	Seed Quantity (kg)	0.4	100%	76247	30499
	Seed Drilling				
	Seed Broadcasting	1	73%	2491	1818
	Seed Treatment	1	20%	1667	333
	Bridging	1	100%	1627	1627
	Cost of Seed & Sowing				34278
3	Water No	21	100%	1100	23100
	Water Labour	1	40%	242	97
	Canal Labour	1	27%	1175	317
	Cost of Water				23514
4	Urea	3	93%	1850	5162
	DAP	2	80%	9800	15680
	Other Fertilizer	1	40%	5433	2173
	Fertilizer Labour	1	47%	293	138
	Fertilizer Transport	1	93%	171	159
	Cost of Fertilizer				23311
5	Dung trolly	2	13%	1250	325
	Dung Transport	1	13%	750	98
	Dung Labour	1	13%	800	104
	Cost of Dung				527
6	Spray Pesticides	21	100%	953	20013
	Spray Pest Labour	1	100%	273	273
	Cost of Pesticides				20286
7	Spray Weedicides	1	47%	964	453
	Spray Weeds Labr	1	47%	300	141
	Hoing Labour	1	87%	5638	4905
	Cost of Weedicides				5499
8	Pick / Dig Cost	1	100%	16600	16600
	Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
	Cost of Harvesting				16600
9	Full / Half Yearly Land Rent (Rs./acre)				20000
10	Admin. Cost				
	Tunnel Cost	1	53%	89100	47223
	Cost of Other Exp.				47223
11	Transport Rent	1	93%	19321	17969
	Transport Labour	1	93%	4864	4524
	Bar Dana (Bags)	1	100%	11500	11500
	Cost of Transport				33992
Cost of Production		At Mandi Gate		(Rs./ acre)	231,358
		(With Land Rent)		(Rs./ 40 Kg)	623
		At Farm Gate		(Rs./ acre)	197,366
		(With Land Rent)		(Rs./ 40 Kg)	531
Avg. Yield		Last 3 Years		(40 kg/acre)	371.5
Gross Revenue		Net Crop Value	Mandi Gate	1543	573,225
		@ (Rs./40kg)	Farm Gate	1446	537,189
		Residual		(Rs./acre)	
		Net Revenue	Mandi Gate		573,225
			Farm Gate	(Rs./acre)	537,189
Profit		At Mandi Gate		(Rs./acre)	341,866
		(With Land Rent)		(Rs./40kg)	920
		At Farm Gate		(Rs./acre)	339,823
		(With Land Rent)		(Rs./40kg)	915
Indicative Price (Rs./ 40 Kg) @			25%		778

Source: Crop Reporting Service, Agriculture Deptt, Punjab