

Weighted Average Cost of Production						
Potato, 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	1.49	89%	3930	5212	
	Ploughing	4.6	100%	2132	9807	
	Planking	2	100%	1199	2398	
	Leveling	1	68%	3919	2665	
	Cost of Land Preparation					20082
2	Seed Quantity (kg)	1504	100%	54	81216	
	Seed Drilling	1	29%	5023	1457	
	Seed Broadcasting	1	71%	7241	5141	
	Seed Treatment	1	6%	2137	128	
	Cost of Seed & Sowing					87942
3	Water Cost	10	99%	1733	17157	
	Water Labour	1	99%	332	3287	
	Cost of Irrigation					20444
4	Urea	3.6	100%	3922	14119	
	DAP	2	100%	12737	25474	
	Other Fertilizer	1	51%	11671	5952	
	Fertilizer Labour/Transport	1	100%	567	567	
	Cost of Fertilizer					46112
5	Dung trolley	3	11%	1623	536	
	Dung Labour/Transport	1	11%	1009	333	
	Cost of Dung					869
6	Spray Pesticides	4.8	100%	1537	7378	
	Spray Pest Labour	1	100%	359	1723	
	Cost of Pesticides					9101
7	Spray Weedicides	1	100%	1585	1585	
	Spray Weeds Labour	1	100%	356	356	
	Cost of Weedicides					1941
8	Pick / Dig Cost	1	100%	12572	12572	
	Manual Cutting Cost					
	Threshing Cost					
	Machine Harvesting					
	Cost of Harvesting					12572
9	Full / Half Yearly Land Rent (Rs./acre)					40000
10	Admin. Cost	1	11%	7976	877	
	Tunnel Cost					
	Cost of Other Exp.					877
11	Transport Rent	1	75%	9780	7335	
	Transport Labour	1	75%	4668	3501	
	Bar Dana (Bags)	1	75%	14725	11044	
	Cost of Transport					21880
Cost of Production		At Mandi Gate (With Land Rent)		(Rs./ acre)	261,819	
				(Rs./ 40 Kg)	1,023	
Average Yield		for the Last 3 Years		(40kg/acre)	256.0	
Expected Revenue		Crop Value @ 1,278		(Rs./acre)	327,274	
		Residual Value		(Rs./acre)		
		Gross Revenue		(Rs./acre)	327,274	
Expected Profit		At Mandi Gate (With Land Rent)		(Rs./acre)	65,455	
				(Rs./40kg)	256	
Indicative Price (Rs./ 40 Kg) @ 25%				1,278		

Source: Crop Reporting Service, Agriculture Deptt, Punjab