

Weighted Average Cost of Production						
Rice Paddy (Non-Basmati), 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	40%	2937	2350	
	Ploughing	4	99%	1901	7528	
	Planking	2	94%	1139	2141	
	Leveling	1	50%	2785	1393	
	Cost of Land Prep				13411	
2	Seed Quantity (kg)	5	100%	340	1700	
	Seed Drilling					
	Seed Transmission	1	97%	6915	6708	
	Seed Treatment	1	23%	531	122	
	Bridging					
Cost of Seed & Sowing				8530		
3	Water No	20	100%	1365	27300	
	Water Labour	1	45%	272	122	
	Canal Labour	1	20%	271	54	
Cost of Water				27477		
4	Urea	2	100%	2800	5600	
	DAP	1	65%	11000	7150	
	Other Fertilizer	1	18%	4451	801	
	Fertilizer Labour	1	63%	409	258	
	Fertilizer Transport	1	95%	167	159	
Cost of Fertilizer				13968		
5	Dung trolley	1	5%	1761	88	
	Dung Transport	1	5%	1643	82	
	Dung Labour	1	5%	1067	53	
Cost of Dung				224		
6	Spray Pesticides	2	100%	1364	2728	
	Spray Pest Labour	1	88%	330	581	
Cost of Pesticides				3309		
7	Spray Weedicides	1	96%	1105	1061	
	Spray Weeds Labr	1	82%	324	266	
	Hoing Labour					
Cost of Weedicides				1326		
8	Pick / Dig Cost					
	Cutting Cost	1	25%	5084	1271	
	Threshing Cost	1	25%	7677	1919	
	Machine Harvesting	1	75%	6927	5195	
Cost of Harvesting				8386		
9	Full / Half Yearly Land Rent (Rs./acre)				25000	
10	Admin. Cost	1	7%	5542	388	
	Tunnel Cost					
Cost of Other Exp.				388		
11	Transport Rent	1	97%	2479	2405	
	Transport Labour	1	47%	886	416	
	Bar Dana (Bags)	1	40%	3461	1384	
Cost of Transport				4205		
Cost of Production		At Mandi Gate		(Rs./ acre)	106,223	
		(With Land Rent)		(Rs./ 40 Kg)	2,019	
		At Farm Gate		(Rs./ acre)	102,017	
		(With Land Rent)		(Rs./ 40 Kg)	1,939	
Avg. Yield		Last 3 Years		(40kg/acre)	52.6	
Gross Revenue		Crop Price @ (Rs./40kg)	Mandi Gate	2500	131,500	
			Farm Gate			
		Residual			(Rs./acre)	6,729
		Net Revenue	Mandi Gate	(Rs./acre)	138,229	
Farm Gate						
Profit		At Mandi Gate		(Rs./acre)	32,006	
		(With Land Rent)		(Rs./40kg)	608	
		At Farm Gate		(Rs./acre)		
		(With Land Rent)		(Rs./40kg)		
Proposed Price (Rs./ 40 Kg) @			25%	2,524		

Source: Crop Reporting Service, Agriculture Deptt, Punjab