

Weighted Average Cost of Production						
Rice Paddy (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	1	31%	3127	969	
	Ploughing	3.9	99%	2064	7969	
	Planking	2.3	94%	1246	2694	
	Leveling	1	49%	3033	1486	
	Cost of Land Prep				13118	
2	Seed Quantity (kg)	5.4	100%	450	2430	
	Seed Drilling					
	Seed Transmission	1	98%	8049	7888	
	Seed Treatment	1	32%	307	98	
	Bridging					
Cost of Seed & Sowing				10416		
3	Water No	23	99%	1345	30626	
	Water Labour	1	51%	278	142	
	Canal Labour	1	16%	280	45	
Cost of Water				30812		
4	Urea	1.7	100%	2800	4760	
	DAP	1	64%	11000	7040	
	Other Fertilizer	1	33%	4941	1631	
	Fertilizer Labour	1	64%	411	263	
	Fertilizer Transport	1	97%	167	162	
Cost of Fertilizer				13856		
5	Dung trolley	1.9	6%	1802	205	
	Dung Transport	1	6%	1238	74	
	Dung Labour	1	6%	816	49	
Cost of Dung				329		
6	Spray Pesticides	2	100%	1513	3026	
	Spray Pest Labour	1	94%	349	656	
Cost of Pesticides				3682		
7	Spray Weedicides	1	91%	1144	1041	
	Spray Weeds Labr	1	81%	311	252	
	Hoing Labour					
Cost of Weedicides				1293		
8	Pick / Dig Cost					
	Cutting Cost	1	16%	6363	1018	
	Threshing Cost	1	13%	6669	867	
	Machine Harvesting	1	84%	6681	5612	
Cost of Harvesting				7497		
9	Full / Half Yearly Land Rent (Rs./acre)				25000	
10	Admin. Cost	1	15%	2568	385	
	Tunnel Cost					
Cost of Other Exp.				385		
11	Transport Rent	1	75%	2278	1709	
	Transport Labour	1	54%	1126	608	
	Bar Dana (Bags)	1	20%	1317	263	
Cost of Transport				2580		
Cost of Production		At Mandi Gate		(Rs./ acre)	108,969	
		(With Land Rent)		(Rs./ 40 Kg)	2,658	
		At Farm Gate		(Rs./ acre)	106,389	
		(With Land Rent)		(Rs./ 40 Kg)	2,595	
Avg. Yield		Last 3 Years		(40kg/acre)	41.0	
Gross Revenue		Crop Price @ (Rs./40kg)	Mandi Gate	4678	191,798	
			Farm Gate			
		Residual			(Rs./acre)	6,947
		Net Revenue	Mandi Gate		(Rs./acre)	198,745
Farm Gate						
Profit		At Mandi Gate		(Rs./acre)	89,776	
		(With Land Rent)		(Rs./40kg)	2,190	
		At Farm Gate		(Rs./acre)		
		(With Land Rent)		(Rs./40kg)		
Proposed Price (Rs./ 40 Kg) @			25%	3,322		

Source: Crop Reporting Service, Agriculture Deptt, Punjab