

Weighted Average Cost of Production						
Maize (Hybrid), 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	79%	3564	2816	
	Ploughing	3.8	76%	1779	5138	
	Planking	2	80%	1151	1842	
	Leveling	1	44%	3343	1471	
	Cost of Land Prep				11266	
2	Seed Quantity (kg)	10	100%	1354	13540	
	Seed Drilling	1	6%	2000	120	
	Seed Transmission	1	75%	2027	1520	
	Seed Treatment	1	68%	789	537	
	Bridging	1	97%	2183	2118	
Cost of Seed & Sowing				17834		
3	Water No	11	97%	1702	18160	
	Water Labour	1	41%	254	104	
	Canal Labour	1	35%	247	86	
Cost of Water				18351		
4	Urea	2.7	100%	2800	7560	
	DAP	1.2	97%	11000	12804	
	Other Fertilizer	1	41%	8344	3421	
	Fertilizer Labour	1	54%	455	246	
	Fertilizer Transport	1	94%	287	270	
Cost of Fertilizer				24301		
5	Dung trolley	2.6	6%	1858	290	
	Dung Transport	1	6%	1417	85	
	Dung Labour	1	6%	1359	82	
Cost of Dung				456		
6	Spray Pesticides	2.9	99%	1499	4304	
	Spray Pest Labour	1	85%	377	929	
Cost of Pesticides				5233		
7	Spray Weedicides	1	99%	1488	1473	
	Spray Weeds Labr	1	84%	337	283	
	Hoing Labour					
Cost of Weedicides				1756		
8	Pick / Dig Cost	1	5%	6109	305	
	Cutting Cost	1	89%	8016	7134	
	Threshing Cost	1	93%	3482	3238	
	Machine Harvesting					
Cost of Harvesting				10678		
9	Full / Half Yearly Land Rent (Rs./acre)				25000	
10	Admin. Cost	1	5%	4732	237	
	Tunnel Cost					
Cost of Other Exp.				237		
11	Transport Rent	1	56%	4107	2300	
	Transport Labour	1	25%	1330	333	
	Bar Dana (Bags)	1	23%	1717	395	
Cost of Transport				3027		
Cost of Production		At Mandi Gate		(Rs./ acre)	118,139	
		(With Land Rent)		(Rs./ 40 Kg)	1,777	
		At Farm Gate		(Rs./ acre)	115,112	
		(With Land Rent)		(Rs./ 40 Kg)	1,731	
Avg. Yield		Last 3 Years		(40kg/acre)	66.5	
Gross Revenue		Crop Price @ (Rs./40kg)	Mandi Gate	2659	176,824	
			Farm Gate			
		Residual			(Rs./acre)	3,997
		Net Revenue	Mandi Gate		(Rs./acre)	180,821
Farm Gate						
Profit		At Mandi Gate		(Rs./acre)	62,682	
		(With Land Rent)		(Rs./40kg)	943	
		At Farm Gate			(Rs./acre)	
		(With Land Rent)			(Rs./40kg)	
Proposed Price (Rs./ 40 Kg) @			25%		2,221	

Source: Crop Reporting Service, Agriculture Deptt, Punjab