

Weighted Average Cost of Production					
Sugarcane, 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	32%	2071	663
	Ploughing	4.8	94%	1048	4729
	Planking	1.7	36%	617	378
	Leveling	1	25%	2412	603
	Cost of Land Prep				6372
2	Seed Quantity (kg)	2884	50%	6.87	9907
	Seed Drilling				
	Seed Transmission	1	44%	5143	2263
	Seed Treatment	1	3%	1164	35
	Bridging	1	50%	1487	744
	Cost of Seed & Sowing				12948
3	Water No	16	96%	1138	17480
	Water Labour	1	58%	214	124
	Canal Labour	1	38%	575	219
	Cost of Water				17822
4	Urea	2.71	100%	1850	5014
	DAP	1.67	99%	9800	16202
	Other Fertilizer	1	29%	6323	1834
	Fertilizer Labour	1	48%	376	180
	Fertilizer Transport	1	98%	185	181
	Cost of Fertilizer				23411
5	Dung trolly	1	26%	1139	296
	Dung Transport	1	26%	1025	267
	Dung Labour	1	26%	996	259
	Cost of Dung				822
6	Spray Pesticides	2	94%	1219	2292
	Spray Pest Labour	1	77%	287	221
	Cost of Pesticides				2513
7	Spray Weedicides	1	93%	1203	1119
	Spray Weeds Labr	1	74%	279	206
	Hoing Labour	1	37%	2260	836
	Cost of Weedicides				2161
8	Pick / Dig Cost				
	Cutting Cost	1	58%	19340	11217
	Threshing Cost				
	Machine Harvesting				
	Cost of Harvesting				11217
9	Full / Half Yearly Land Rent (Rs./acre)				40000
10	Admin. Cost	1	9%	7649	688
	Tunnel Cost				
	Cost of Other Exp.				688
11	Transport Rent	1	100%	19054	19054
	Transport Labour	1	81%	6343	5138
	Bar Dana (Bags)				
	Cost of Transport				24192
Cost of Production		At Mill Gate		(Rs./ acre)	142,147
		(With Land Rent)		(Rs./ 40 Kg)	192
		At Farm Gate		(Rs./ acre)	117,955
		(With Land Rent)		(Rs./ 40 Kg)	160
Avg. Yield		Last 3 Years		(40kg/acre)	739.0
Gross Revenue		Net Crop Value	Mill Gate	225	166,275
		@ (Rs./40kg)	Farm Gate		
		Residual		(Rs./acre)	
		Net Revenue	Mill Gate	(Rs./acre)	166,275
Profit		At Mill Gate		(Rs./acre)	24,128
		(With Land Rent)		(Rs./40kg)	33
		At Farm Gate		(Rs./acre)	
		(With Land Rent)		(Rs./40kg)	
Indicative Price (Rs./ 40 Kg) @			25%	240	

Source: Crop Reporting Service, Agriculture Deptt, Punjab