

Weighted Average Cost of Production					
Sugarcane (Fresh+Ratoon), 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	1.5	35%	3477	1825
	Ploughing	4.6	90%	1888	7816
	Planking	1.8	44%	1337	1059
	Leveling	1	47%	3753	1764
	Cost of Land Prep				12465
2	Seed Quantity (kg)	2963	50%	8.4	12445
	Seed Drilling				
	Seed Transmission	1	45%	6427	2892
	Seed Treatment				
	Bridging	1	46%	2353	1082
Cost of Seed & Sowing				16419	
3	Water No	18	95%	1805	30866
	Water Labour	1	48%	306	147
	Canal Labour	1	34%	824	280
Cost of Water				31293	
4	Urea	2.8	100%	2800	7840
	DAP	1.4	97%	11000	14938
	Other Fertilizer	1	42%	6281	2638
	Fertilizer Labour	1	39%	475	185
	Fertilizer Transport	1	97%	273	265
Cost of Fertilizer				25866	
5	Dung trolley	2.9	19%	1606	885
	Dung Transport	1	19%	1366	260
	Dung Labour	1	19%	1261	240
Cost of Dung				1384	
6	Spray Pesticides	2.3	99%	1836	4181
	Spray Pest Labour	1	80%	405	745
Cost of Pesticides				4926	
7	Spray Weedicides	1.2	91%	1920	2097
	Spray Weeds Labr	1	70%	394	331
	Hoing Labour	1	54%	3458	1867
Cost of Weedicides				4295	
8	Pick / Dig Cost				
	Cutting Cost	1	99%	22855	22626
	Threshing Cost				
	Machine Harvesting				
Cost of Harvesting				22626	
9	Full / Half Yearly Land Rent (Rs./acre)				70000
10	Admin. Cost	1	19%	4841	920
	Tunnel Cost				
Cost of Other Exp.				920	
11	Transport Rent	1	100%	26189	26189
	Transport Labour	1	69%	7871	5431
	Bar Dana (Bags)				
Cost of Transport				31620	
Cost of Production		At Mandi Gate		(Rs./ acre)	221,813
		(With Land Rent)		(Rs./ 40 Kg)	300
		At Farm Gate		(Rs./ acre)	190,193
		(With Land Rent)		(Rs./ 40 Kg)	257
Avg. Yield		Last 3 Years		(40kg/acre)	739.0
Gross Revenue		Crop Price @ (Rs./40kg)		Mandi Gate	375
				Farm Gate	
		Residual		(Rs./acre)	
		Net Revenue		Mandi Gate	277,125
				Farm Gate	
Profit		At Mandi Gate		(Rs./acre)	55,312
		(With Land Rent)		(Rs./40kg)	75
		At Farm Gate		(Rs./acre)	
		(With Land Rent)		(Rs./40kg)	
Proposed Price (Rs./ 40 Kg) @			25%	375	

Source: Crop Reporting Service, Agriculture Deptt, Punjab