

Weighted Average Cost of Production					
Tinda, 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	77%	2060	1586
	Ploughing	4	85%	900	3060
	Planking	2	69%	576	795
	Leveling	1	38%	1880	714
	Cost of Land Prep				6155
2	Seed Quantity (kg)	1.6	100%	3423	5477
	Seed Drilling	1	15%	999	150
	Seed Broadcasting	1	69%	2289	1579
	Seed Treatment				
	Bridging	1	77%	1790	1378
	Cost of Seed & Sowing				8584
3	Water No	6	85%	982	5008
	Water Labour	1	31%	300	93
	Canal Labour	1	15%	200	30
	Cost of Water				5131
4	Urea	1.5	85%	1850	2359
	DAP	1	62%	9800	6076
	Other Fertilizer	1	46%	5850	2691
	Fertilizer Labour	1	31%	250	78
	Fertilizer Transport	1	77%	89	69
	Cost of Fertilizer				11272
5	Dung trolley	1.5	15%	1500	338
	Dung Transport	1	15%	500	75
	Dung Labour	1	15%	500	75
	Cost of Dung				488
6	Spray Pesticides	6	100%	1031	6186
	Spray Pest Labour	1	92%	296	272
	Cost of Pesticides				6458
7	Spray Weedicides	1	38%	900	342
	Spray Weeds Labr	1	31%	300	93
	Hoing Labour	1	85%	3191	2712
	Cost of Weedicides				3147
8	Pick / Dig Cost	1	85%	16272	13831
	Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
	Cost of Harvesting				13831
9	Full / Half Yearly Land Rent (Rs./acre)				20000
10	Admin. Cost	1	8%	4000	320
	Tunnel Cost	1	15%	21000	3150
	Cost of Other Exp.				3470
11	Transport Rent	1	85%	9636	8191
	Transport Labour	1	54%	5214	2816
	Bar Dana (Bags)	1	85%	4181	3554
	Cost of Transport				14560
Cost of Production		At Mandi Gate		(Rs./ acre)	93,097
		(With Land Rent)		(Rs./ 40 Kg)	892
		At Farm Gate		(Rs./ acre)	78,537
		(With Land Rent)		(Rs./ 40 Kg)	752
Avg. Yield		Last 3 Years		(40 kg/acre)	104.4
Gross Revenue		Net Crop Value	Mandi Gate	3400	354,960
		@ (Rs./40kg)	Farm Gate	2362	246,593
		Residual		(Rs./acre)	
		Net Revenue	Mandi Gate		354,960
			Farm Gate	(Rs./acre)	246,593
Profit		At Mandi Gate		(Rs./acre)	261,863
		(With Land Rent)		(Rs./40kg)	2,508
		At Farm Gate		(Rs./acre)	168,056
		(With Land Rent)		(Rs./40kg)	1,610
Indicative Price (Rs./ 40 Kg) @			25%		1,115

Source: Crop Reporting Service, Agriculture Deptt, Punjab