

## Weighted Average Cost of Production

### Tomato, 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	86%	3912	3364
	Ploughing	4	100%	2110	8440
	Planking	2	100%	1153	2306
	Leveling	1	29%	3763	1091
	<b>Cost of Land Preparation</b>				
2	Seed Quantity (kg)	0.2	100%	40596	8119
	Seed Drilling				
	Seed Broadcasting	1	100%	4515	4515
	Seed Treatment				
	Bridging	1	100%	2862	2862
<b>Cost of Seed &amp; Sowing</b>					<b>15496</b>
3	Water Cost	13	100%	1733	22529
	Water Labour	1	100%	365	4745
	<b>Cost of Irrigation</b>				
4	Urea	1.7	100%	3997	6795
	DAP	1.6	100%	13335	21336
	Other Fertilizer	1	63%	12095	7620
	Fertilizer Labour/Transport	1	100%	477	477
<b>Cost of Fertilizer</b>					<b>36228</b>
5	Dung trolley	1	10%	3100	310
	Dung Labour/Transport	1	10%	2640	264
	<b>Cost of Dung</b>				
6	Spray Pesticides	7.7	100%	1749	13467
	Spray Pest Labour	1	100%	416	3203
	<b>Cost of Pesticides</b>				
7	Spray Weedicides	1	45%	1274	573
	Spray Weeds Labour	1	45%	390	176
	Hoing Labour	1	69%	8068	5567
	<b>Cost of Weedicides</b>				
8	Pick / Dig Cost	1	100%	29147	29147
	Manual Cutting Cost				
	Threshing Cost				
	Machine Harvesting				
<b>Cost of Harvesting</b>					<b>29147</b>
<b>9 Full / Half Yearly Land Rent (Rs./acre)</b>					<b>40000</b>
10	Admin. Cost	1	4%	24000	960
	Tunnel Cost	1	8%	57750	4620
	<b>Cost of Other Exp.</b>				
11	Transport Rent	1	98%	17271	16926
	Transport Labour	1	98%	7906	7748
	Bar Dana (Bags)	1	98%	7147	7004
	<b>Cost of Transport</b>				
<b>Cost of Production</b>		<b>At Mandi Gate (With Land Rent)</b>		(Rs./ acre)	<b>224,164</b>
				(Rs./ 40 Kg)	<b>1,161</b>
<b>Average Yield</b>		for the Last 3 Years		(40kg/acre)	<b>193.0</b>
<b>Expected Revenue</b>		<b>Crop Value @ 1,452</b>		(Rs./acre)	<b>280,205</b>
		<b>Residual Value</b>		(Rs./acre)	
		<b>Gross Revenue</b>		(Rs./acre)	<b>280,205</b>
<b>Expected Profit</b>		<b>At Mandi Gate (With Land Rent)</b>		(Rs./acre)	<b>56,041</b>
				(Rs./40kg)	<b>290</b>
<b>Indicative Price (Rs./ 40 Kg) @ 25%</b>				<b>1,452</b>	

Source: Crop Reporting Service, Agriculture Deptt, Punjab