

**COST OF PRODUCTION OF BITTER GUARD CROP 2016-17 UNDER AVERAGE CONDITIONS  
AND SOURCES IN THE PUNJAB**

(Approved)

S.NO	Operations / Inputs	2016-17		
		Average No of oprs/units/ acre	Rate /unit  Rs	cost /acre  Rs
<b>1.</b>	<b>PREPARATORY TILLAGE PLOUGHING</b>			
1.1	Rutavator	1.00	1238.00	1238.00
1.2	Deep ploughing (Chisel,Disk,Mould board)	1.00	1238.00	1238.00
1.3	Ploughing / Cultivator	3.00	580.00	1740.00
1.4	Planking	3.00	290.00	870.00
1.5	Leveling	1.00	620.00	620.00
	<b>Sub Total</b>			<b>5706.00</b>
<b>2.</b>	<b>SEED BED AND SOWING PREPARATIONS</b>			
2.1	Bed/ Ridger	1.00	580.00	580.00
2.2	Mulching	1.00	8000.00	8000.00
<b>2.3</b>	<b>SEED AND SOWING</b>			
2.3.1	Seed (Kgs)	4.00	800.00	3200.00
2.3.2	Sowing / Transplanting	2.00	425.00	850.00
	<b>Sub Total</b>			<b>12630.00</b>
<b>3</b>	<b>FRAM YARD MANURE</b>			
3.1	Farm Yard manure ( Trolly)	4.00	1100.00	4400.00
3.2	Labour for spreading Manure &Transportation(Man d	4.00	425.00	1700.00
	<b>Sub Total</b>			<b>6100.00</b>
<b>4</b>	<b>FERTILIZERS: (bag)</b>			
4.1	Urea	2.00	1840.00	3680.00
4.2	DAP	2.00	2800.00	5600.00
4.3	Potash (MOP)	1.00	3300.00	3300.00
4.4	Transportation	5.00	20.00	100.00
4.5	Fertilizer Application (Man days)	1.00	425.00	425.00
	<b>Sub Total</b>			<b>13105.00</b>
<b>5</b>	<b>PLANT PROTECTION</b>			
5.1	Treatments (No. of Spray + Man days)	10.00	800.00	8000.00
5.2	Hoing ( 5 *3)= 5 Men, 3 Hoing	15.00	425.00	6375.00
	<b>Sub Total</b>			<b>14375.00</b>
<b>6</b>	<b>IRRIGATION</b>			
6.1	Canal Water Rate (Abiana/Acre)			56.30
6.2	Private Tubewell (3Hrs@ = 1 Irrigation)	7.00	930.00	6510.00
6.3	Labour Charges for Irrigation (1 * 7 M. days)	2.50	425.00	1062.50
	<b>Sub Total</b>			<b>7628.80</b>
	<b>Total (1 to 6)</b>			<b>59545.00</b>
<b>7</b>	<b>HARVESTING</b>			
7.1	No. of Picking	20.00		
7.2	Amount spent for picking per kg	2.00		
7.3	Total picking charges( 2* Total yield)	3.00	4660.00	13980.00
7.4	Empty Bags.	117.00	15.00	1755.00
	<b>Sub Total</b>			<b>15735.00</b>
<b>8</b>	Land Rent For 6 Months @30,000 PA	0.50	30000.00	15000.00
<b>9</b>	Agricultural Income Tax.			48.52
<b>10</b>	Management Charges For 6 Months of A	0.50	1800.00	900.00

Manager @ Rs 15,000 PM For 100 Acres

<b>11</b>	<b>Gross Cost (Item 1 to 10)</b>	<b>91229.00</b>
12	Yield Per Acre (kgs)	4660.00
13	Cost Per Quintile(100 Kgs) At Farm Level.	1958.00
14	Cost Per Kg At Farm Level.	19.58
<b>15</b>	<b>Cost Per 40 KGs AT Farm Level.</b>	<b>783.00</b>
16	Marketing Expenses:( Rs /40 Kgs)	13.00
17	Cost Per 40 Kgs AT Mandi Gate.	<b>796.00</b>
<b>18</b>	<b>INVESTMENT INCENTIVE @25 %</b>	<b>199.00</b>
<b>19</b>	<b>INDICATIVE PRICE RECOMMENDED 40 KG</b>	<b>995.00</b>

116.5

**Note:-**

- i Cost of Production has been worked out on the basis of complete crop size, therefore in off season it may have some
- ii sowing time: peak Harvesting time
- a Dec-Jan b May-June

