

**COST OF PRODUCTION OF BITTER GUARD(SEASONAL) CROP 2018-19 UNDER AVERAGE CONDITIONS
AND SOURCES IN THE PUNJAB**

(Approved)

S.NO	Operations / Inputs	2017-18			2018-19		
		Average No of oprs/units/ acre	Rate /unit Rs	cost /acre Rs	Average No of oprs/units/ acre	Rate /unit Rs	cost /acre Rs
1.	PREPARATORY TILLAGE PLOUGHING						
1.1	Rutavator	1.00	1288.00	1288.00	1.00	1340.00	1340.00
1.2	Deep ploughing (Chisel,Disk,Mould board)	1.00	1288.00	1288.00	0.50	1340.00	670.00
1.3	Ploughing / Cultivator	3.00	603.00	1809.00	3.00	627.00	1881.00
1.4	Planking	3.00	301.50	905.00	3.00	313.50	941.00
1.5	Leveling	1.00	644.80	645.00	1.00	670.59	671.00
	Sub Total			5935.00			5503.00
2.	SEED BED AND SOWING PREPARATIONS						
2.1	Bed/ Ridger	1.00	603.00	603.00	1.00	627.00	627.00
2.2	Mulching	1.00	8000.00	8000.00	1.00	8000.00	8000.00
2.3	SEED AND SOWING						
2.3.1	Seed (Kgs)	4.00	800.00	3200.00	2.50	1000.00	2500.00
2.3.2	Sowing / Transplanting	2.00	521.00	1042.00	2.00	525.00	1050.00
	Sub Total			12845.00			12177.00
3	FRAM YARD MANURE						
3.1	Farm Yard manure (Trolley)	4.00	1100.00	4400.00	4.00	1100.00	4400.00
3.2	Labour for spreading Manure &Transportation(Man d	4.00	521.00	2084.00	4.00	525.00	2100.00
	Sub Total			6484.00			6500.00
4	FERTILIZERS: (bag)						
4.1	Urea	2.00	1400.00	2800.00	2.00	1400.00	2800.00
4.2	DAP	2.00	2400.00	4800.00	2.00	2950.00	5900.00
4.3	Potash /MOP / SOP	1.00	2300.00	2300.00	1.00	2450.00	2450.00
4.4	Transportation	5.00	20.80	104.00	5.00	21.63	108.16
4.5	Fertilizer Application (Man days)	1.00	521.00	521.00	1.00	525.00	525.00
	Sub Total			10525.00			11783.16
5	PLANT PROTECTION						
5.1	Treatments (No. of Spray + Man days)	10.00	800.00	8000.00	10.00	800.00	8000.00
5.2	Hoing (5 *3)= 5 Men, 3 Hoing	15.00	521.00	7815.00	15.00	525.00	7875.00
	Sub Total			15815.00			15875.00
6	IRRIGATION						
6.1	Canal Water Rate (Abiana/Acre)			56.30			56.30
6.2	Private Tubewell (3Hrs@ = 1 Irrigation)	7.00	1000.00	7000.00	7.00	1000.00	7000.00
6.3	Labour Charges for Irrigation (1 * 7 M. days)	2.50	521.00	1302.50	2.50	525.00	1312.50
	Sub Total			8359.00			8369.00
7	HARVESTING						
7.1	No. of Picking	20.00			20.00		
7.2	Amount spent for picking per kg	2.00			2.50		
7.3	Total picking charges(2* Total yield)	3.00	4661.00	13983.00	3.00	4661.00	13983.00
7.4	Empty Bags.	117.00	15.00	1755.00	117.00	15.00	1755.00
	Sub Total			15738.00			15738.00
8	Land Rent For 6 Months @30,000 PA	0.50	30000.00	15000.00	0.50	30000.00	15000.00
9	Agricultural Income Tax.			48.52			48.52
10	Management Charges For 6 Months of A Manager @ Rs 15,000 PM For 100 Acres	6.00	150.00	900.00	6.00	150.00	900.00
11	Gross Cost (Item 1 to 10)			91650.00			91894.00
12	Yield Per Acre (kgs)			4661.00			4661.00
13	Cost Per Quantile(100 Kgs) At Farm Level.			1966.32			1971.55
14	Cost Per Kg At Farm Level.			19.66			19.72
15	Cost Per 40 KGs AT Farm Level.			787.00			789.00
16	Marketing Expenses:(Rs /40 Kgs)			13.00			13.00
17	Cost Per 40 Kgs AT Mandi Gate.			800.00			802.00
18	INVESTMENT INCENTIVE @25 %			200.00			201.00
19	INDICATIVE PRICE RECOMMENDED 40 KG			1000.00			1003.00