

COST OF PRODUCTION OF SPINACH CROP FOR THE YEAR 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	1365.00	1365.00	1.00	1461.00	1461.00
1.2	Deep ploughing (Chisel,Disk,Mouldboard)	1.00	1096.00	1096.00	1.00	1173.00	1173.00
1.3	Ploughing / Cultivator	3.00	483.00	1449.00	3.00	517.00	1551.00
1.4	Planking	1.00	242.00	242.00	1.00	259.00	259.00
1.5	Leveling /one Operation	1.00	548.00	548.00	1.00	586.00	586.00
	Sub Total			4700.00			5030.00
2.	SEED BED PREPARATION						
2.1	Bed/Ridge	1.00	800.00	800.00	1.00	856.00	856.00
	2.2 SEED AND SOWING OPERATIONS						
2.2.1	Seed (Kgs)	8.00	100.00	800.00	8.00	100.00	800.00
2.2.2	Labour Charges (Man days)	2.00	460.00	920.00	2.00	525.00	1050.00
	Sub Total			2520.00			2706.00
3	FRAM YARD MANURE						
3.1	Farm Yard manure (Trolly)	2.00	1100.00	2200.00	2.00	1100.00	2200.00
3.2	Transportation Charges	2.00	500.00	1000.00	2.00	535.00	1070.00
3.3	Labour for spreading Manure & Transportation (Man days)	4.00	460.00	1840.00	4.00	525.00	2100.00
	Sub Total			5040.00			5370.00
4	Fertilizer						
4.1	Urea	1.00	1350.00	1350.00	1.00	1640.00	1640.00
4.2	DAP	1.00	2500.00	2500.00	1.00	3350.00	3350.00
4.3	Potash/(MOP)	1.00	2600.00	2600.00	1.00	2600.00	2600.00
4.4	Transportation	3.00	18.00	54.00	3.00	19.26	57.78
4.5	Fertilizer Application (Man days)	1.00	460.00	460.00	1.00	525.00	525.00
	Sub Total			6964.00			8172.78
5	PLANT PROTECTION						
	Treatments (2 sprays with Insecticides & 3 Fungicides)	4.00	550.00	2200.00	4.00	550.00	2200.00
6	IRRIGATION						
6.1	Water Charges (Canal Water)			56.30			56.30
6.2	Cleaning of water courses (M. days)	1.00	460.00	460.00	1.00	525.00	525.00
6.3	Labour Charges for Irrigation (M. days)	2.00	460.00	920.00	2.00	525.00	1050.00
6.4	Additional Irrigation Charges(3Hrs= 1 irregation)	10.00	1000.00	10000.00	10.00	1000.00	10000.00
	Sub Total			11436.30			11631.30
7	HARVESTING						
7.1	Harvesting Charges (NO. of harvesting*Men*D/W) =15*2*525	30.00	460.00	13800.00	30.00	525.00	15750.00
7.2	Harvesting Handling & Transportation (Acre)	15.00	460.00	6900.00	15.00	525.00	7875.00
7.3	Ropes			200.00			200.00
	Sub Total			20900.00			23825.00
8	LAND RENT FOR 6 MONTHS @30,000 PA	6.00	2500.00	15000.00	6.00	2500.00	15000.00
9	Agricultural Income Tax.			48.52			48.52
10	Management Charges for 6 Months of a Manager @ Rs 14000/15000 PM for 100 Acres	6.00	140.00	840.00	6.00	150.00	900.00
11	GROSS COST (Item 1 to 10)			69649.00			74884.00
12	Yield Per Acre (kgs)			6270.0			6270.0
13	Cost Per Kg at Farm level.			11.11			11.94
14	Cost per 40 Kgs at farm level PER 40 KGs.			444.00			478.00
15	Marketing Expenses:(Rs /40 Kgs)			34.00			34.00
16	Cost per 40 Kgs at Mandi Gate.			478.00			512.00
17	Investment Incetive @25 %			119.50			128.00
18	Indicative Price Recommended.			598.00			640.00