

COST OF PRODUCTION OF SPINACH CROP FOR THE YEAR 2019-20 UNDER AVERAGE CONDITIONS AND SOURCES IN THE PUNJAB

(Approved)

S.NO	Operations / Inputs	2018-19			2019-20		
		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	1461.00	1461.00	1.00	1563.00	1563.00
1.2	Deep ploughing (Chisel,Disk,Mouldboard)	1.00	1173.00	1173.00	1.00	1279.00	1279.00
1.3	Ploughing / Cultivator	3.00	517.00	1551.00	3.00	800.00	2400.00
1.4	Planking	1.00	259.00	259.00	1.00	400.00	400.00
1.5	Laser Leveling	1.00	586.00	586.00	0.30	1300.00	390.00
	Sub Total			5030.00			6032.00
2.	SEED BED PREPARATION						
2.1	Bed/Ridge	1.00	856.00	856.00	1.00	933.04	933.00
	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	525.00	1050.00	2.00	525.00	1050.00
	Sub Total			2706.00			2783.00
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	535.00	1070.00	2.00	583.15	1166.30
3.3	Labour for spreading Manure & Transportation (Man days)	4.00	525.00	2100.00	4.00	525.00	2100.00
	Sub Total			5370.00			5466.30
4	Fertilizer						
4.1	Urea	1.00	1640.00	1640.00	1.00	1840.00	1840.00
4.2	DAP	1.00	3350.00	3350.00	1.00	3750.00	3750.00
4.3	Potash/(MOP)	1.00	2600.00	2600.00	1.00	3100.00	3100.00
4.4	Transportation	3.00	19.26	57.78	3.00	20.99	62.98
4.5	Fertilizer Application (Man days)	1.00	525.00	525.00	1.00	525.00	525.00
	Sub Total			8172.78			9277.98
5	PLANT PROTECTION						
	Treatments (2 sprays with Insecticides & 3 Fungicides)	4.00	550.00	2200.00	5.00	550.00	2750.00
6	IRRIGATION						
6.1	Water Charges (Canal Water)			56.30			100.00
6.2	Cleaning of water courses (M. days)	1.00	525.00	525.00	1.00	525.00	525.00
6.3	Labour Charges for Irrigation (M. days)	2.00	525.00	1050.00	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			11631.30			11675.00
7	HARVESTING						
7.1	Harvesting Charges (NO. of harvesting*Men*D/W) =15*2*584	30.00	525.00	15750.00	30.00	525.00	15750.00
7.2	Harvesting Handling & Transportation (Acre)	15.00	525.00	7875.00	15.00	525.00	7875.00
7.3	Ropes			200.00			200.00
	Sub Total			23825.00			23825.00
8	Land Rent For 6 Month @30,000 PA	6.00	2500.00	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 15,000/15000 PM for 100 Acres	6.00	150.00	900.00	6.00	150.00	900.00
11	GROSS COST (Item 1 to 10)			74884.00			77758.00
12	Yield Per Acre (kgs)			6270.0			6270.0
13	Cost Per Kg at Farm level.			11.94			12.40
14	Cost per 40 Kgs at farm level PER 40 KGs.			478.00			496.00
15	Marketing Expenses:(Rs /40 Kgs)			34.00			34.00
16	Cost per 40 Kgs at Mandi Gate.			512.00			530.00
17	Investment Inctive @25 %			128.00			132.50
18	Indicative Price Recommended.			640.00			663.00