

COST OF PRODUCTION OF CARROT 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.	<b>PREPARATORY TILLAGE PLOUGHING</b>						
	1.1 Rutavator	1.00	1460.55	1461.00	1.00	1562.79	1563.00
	1.2 Deep ploughing (Chisel,Disk,Mouldboard)	1.00	1172.93	1173.00	1.00	1278.50	1278.00
	1.3 Ploughing / Cultivator	3.00	516.81	1550.00	3.00	800.00	2400.00
	1.4 Planking	1.00	258.41	258.00	1.00	400.00	400.00
	1.5 Laser Leveling	1.00	586.47	586.00	0.30	1300.00	390.00
	<b>Sub Total</b>			<b>5028.00</b>			<b>6031.00</b>
2.	<b>SEED BED PREPARATION</b>						
	2.1 Bed/Ridge	1.00	856.00	856.00	1.00	933.04	933.00
	<b>2.2 SEED AND SOWING OPERATIONS</b>						
	2.2.1 Seed (Kgs)	8.00	460.00	3680.00	8.00	500.00	4000.00
	2.2.2 Labour Charges ( Man days)	2.00	525.00	1050.00	2.00	525.00	1050.00
	<b>Sub Total</b>			<b>5586.00</b>			<b>5983.00</b>
3.	<b>FRAM YARD MANURE</b>						
	3.1 Farm Yard manure ( Trolley)	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	1166.00
	3.3 Labour for spreading Manure ( Man days)	4.00	525.00	2100.00	4.00	525.00	2100.00
	<b>Sub Total</b>			<b>5370.00</b>			<b>5466.00</b>
4.	<b>FERTILIZERS: (bag)</b>						
	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	3600.00	3600.00	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
	<b>Sub Total</b>			<b>9172.78</b>			<b>9278.00</b>
5.	<b>PLANT PROTECTION</b>						
	5.1 Treatments (2 sprays with Insecticides & 3 Fungicides)	2.00	550.00	1100.00	5.00	550.00	2750.00
6.	<b>IRRIGATION</b>						
	6.1 Cleaning of water course (M. days)	1.00	525.00	425.00	1.00	525.00	425.00
	6.2 Labour Charges for Irrigation (M. days)	2.00	525.00	1050.00	2.00	525.00	1050.00
	6.3 Water Charges ( Canal Water)			56.30			100.00
	6.4 Additional Irrigation Charges(3Hrs= 1 irregation)	3.00	1000.00	3000.00	3.00	1000.00	3000.00
	<b>Sub Total</b>			<b>4531.30</b>			<b>4575.00</b>
7.	<b>HARVESTING/DIGGING</b>						
	7.1 Harvesting /Digging Chargeg (Men*Day*Daily) =2*16*525	32	525.00	16800.00	32	525.00	16800.00
	7.2 Transportation Charges	16	525.00	8400.00	0		0.00
	7.3 Empty Bag	266	15.00	3987.50	160	10.00	1595.00
	<b>Sub Total</b>			<b>29187.50</b>			<b>18395.00</b>
8.	Land Rent for 6 Months @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 15,000/15,000 PM FOR 100 ACRES	6.00	150.00	900.00	6.00	150.00	900.00
11.	<b>GROSS COST (Item 1 to 10)</b>			<b>75924.10</b>			<b>68426.52</b>
12.	YIELD PER ACRE (kgs)			7975.0			7975.0
13.	<b>COST PER KG AT FARM LEVEL.</b>			9.52			8.58
14.	<b>COST PER 40 KGs AT FARM LEVEL.</b>			<b>381.00</b>			<b>343.00</b>
15.	MARKETING EXPENSES:( Rs /40 Kgs)			34.00			34.00
16.	<b>COST PER 40 KGs AT MANDI GATE.</b>			<b>415.00</b>			<b>377.00</b>
17.	INVESTMENT INCENTIVE @25 %			103.75			94.25
18.	<b>INDICATIVE PRICE RECOMMENDED</b>			<b>519.00</b>			<b>471.00</b>