

**COST OF PRODUCTION OF RADISH 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
<b>1.</b>	<b>PREPARATORY TILLAGE PLOUGHING</b>						
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
	<b>Sub Total</b>			<b>5030.00</b>			<b>6032.00</b>
<b>2.</b>	<b>SEED BED PREPARATION</b>						
2.1	Bed/Ridge	1.00	856.00	856.00	1.00	933.04	933.00
<b>2.2</b>	<b>SEED AND SOWING OPERATIONS</b>						
2.2.1	Seed (Kgs)	4.00	240.00	960.00	4.00	240.00	960.00
2.2.2	Labour Charges ( Man days)	4.00	525.00	2100.00	4.00	525.00	2100.00
	<b>Sub Total</b>			<b>3916.00</b>			<b>3993.00</b>
<b>3.</b>	<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	1166.30
3.3	Labour for spreading Manure & Transportation ( Man days)	4.00	525.00	2100.00	4.00	525.00	2100.00
	<b>Sub Total</b>			<b>5370.00</b>			<b>5466.30</b>
<b>4.</b>	<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	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
	<b>Sub Total</b>			<b>8172.78</b>			<b>9277.98</b>
<b>5.</b>	<b>PLANT PROTECTION</b>						
5.1	Treatments (2 sprays with Insecticides & 1 Fungicides)	3.00	550.00	<b>1650.00</b>	3.00	550.00	<b>1650.00</b>
<b>6.</b>	<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 irrigation)	3.00	1000.00	3000.00	3.00	1000.00	3000.00
	<b>Sub Total</b>			<b>4531.30</b>			<b>4575.00</b>
<b>7.</b>	<b>HARVESTING</b>						
7.1	Harvesting Charges (No. of days*Men*D/W) =8*4*525	32.00	525.00	16800.00	32.00	525.00	16800.00
7.2	Harvesting Handling & Transportation (Acre)	8.00	525.00	4200.00	8.00	525.00	4200.00
7.3	Rope			200.00			200.00
	<b>Sub Total</b>			<b>21200.00</b>			<b>21200.00</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 15,000/15000 PM for 100 Acres	6.00	150.00	900.00	6.00	150.00	900.00
	<b>GROSS COST (Item 1 to 10)</b>			<b>65819.00</b>			<b>68143.00</b>
11	Yield per Acre (kgs)			8106.0			8143.0
12	<b>Cost per Kg at Farm level.</b>			8.1			8.4
13	<b>Cost per 40 Kgs at Farm level.</b>			<b>325.00</b>			<b>335.00</b>
14	Marketing Expenses:( Rs /40 Kgs)			34.00			34.00
15	<b>Cost per 40 Kgs at Mandi Gate.</b>			<b>359.00</b>			<b>369.00</b>
16	Investment Incentive @25 %			89.75			92.25
17	<b>Indicative Price Recommended</b>			<b>449.00</b>			<b>461.00</b>