

Government of India
Soil Health Card
Farmer's Name: Rajesh Kumar
Village: Rampur
District: Pune
State: Maharashtra
Survey Number: 12345
Sample ID: MH2025-001

Analysis Results:

Parameter	Value	Rating	Recommendation
Soil pH	7.2	Neutral	Suitable for most crops. Maintain organic matter.
Electrical Conductivity (dS/m)	0.45	Normal	No immediate action required.
Organic Carbon (%)	0.8	Medium	Add organic manure or compost.
Nitrogen (N)	180 kg/ha	Low	Apply 100 kg/ha urea.
Phosphorus (P)	25 kg/ha	Medium	Apply 50 kg/ha SSP fertilizer.
Potassium (K)	150 kg/ha	Medium	Use 40 kg/ha muriate of potash.
Sulfur (S)	12 ppm	Low	Apply gypsum at 200 kg/ha.
Zinc (Zn)	1.0 ppm	Low	Apply 5 kg/ha zinc sulfate.
Iron (Fe)	5.5 ppm	Adequate	No immediate action required.
Copper (Cu)	1.2 ppm	Adequate	Maintain current practices.
Manganese (Mn)	4.0 ppm	Adequate	Maintain soil health.
Boron (B)	0.4 ppm	Low	Use 1 kg/ha borax.

Fertilizer Recommendations for Crops:

Crop	N (kg/ha)	P (kg/ha)	K (kg/ha)	Additional Advice
Wheat	120	60	40	Add compost for improved yield.
Rice	150	75	50	Ensure proper water management.
Maize	100	50	40	Rotate crops to maintain balance.

Remarks:

- Regular soil testing is recommended every 3 years.

- Maintain organic matter by adding farmyard manure or compost regularly.

Issued By:

Soil Testing Laboratory, Pune

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Contact:

Soil Health Helpline - 1800-123-4567

Website: www.soilhealth.gov.in