



# Soil Health Diagnostic System Report

## Farmer Information

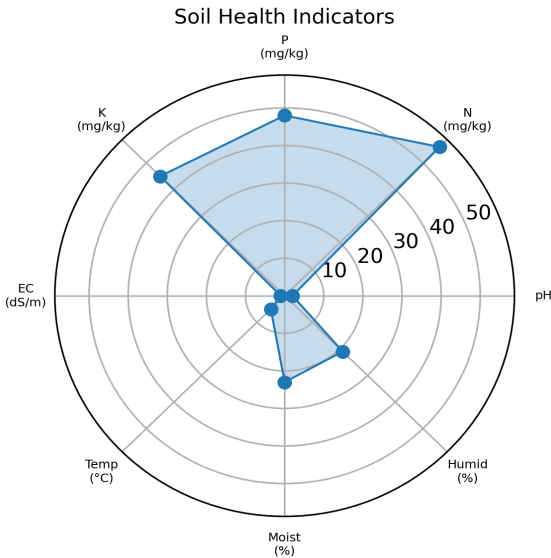
Name	asdjkhajksdh
Gender	Female
Age	54
Address	654asdasd
Mobile No.	5646545645
Area (ha)	2.5

## Sample Details

Test ID	2656
Sample Date	24-04-2024
GPS Data	Lat: 654.0° N, Long: 564.0° E

## Soil Test Information

Indicators	Value	Normal Range
Soil pH	2.0	6.0 - 7.5
Nitrogen (N)(mg/kg)	56.0	50 - 250 mg/kg
Phosphorus (P)(mg/kg)	48.0	20 - 100 mg/kg
Potassium (K)(mg/kg)	45.0	50 - 200 mg/kg
EC(dS/m)	1.0	0 - 2 dS/m
Temperature (°C)	5.0	10 - 30 °C
Moisture (%)	23.0	20 - 80 %
Humidity (%)	21.0	30 - 70 %



## Overall Result

Result	Value	Range
Soil Health Score	0.17	0 - 1
Rating	Very Poor	Very Poor, Poor, Below Average, Average, Above Average, Good, Excellent
Crop Recommendations	Focus on soil remediation. Grow leguminous cover crops like cowpea, horse gram, or sunn hemp.	
Fertilizer Recommendations	Apply organic amendments like compost (5-7.5 tonnes/ha), vermicompost (2.5-3.5 tonnes/ha), or well-decomposed farmyard manure (10-12.5 tonnes/ha). Incorporate green manure crops like dhaincha ( <i>Sesbania aculeata</i> ) (5-6 tonnes/ha), sunhemp ( <i>Crotalaria juncea</i> ) (4-5 tonnes/ha), or cowpea ( <i>Vigna unguiculata</i> ) (3-4 tonnes/ha). Avoid applying chemical fertilizers until soil health improves.	

Report Generated On: 12-04-2024(Friday) 08:18:50AM



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