



# Soil Health Diagnostic System Report



## Farmer Information

Name	akakjdklasd
Gender	Male
Age	25
Address	654asd65asd
Mobile No.	8456231231
Area (ha)	3.0

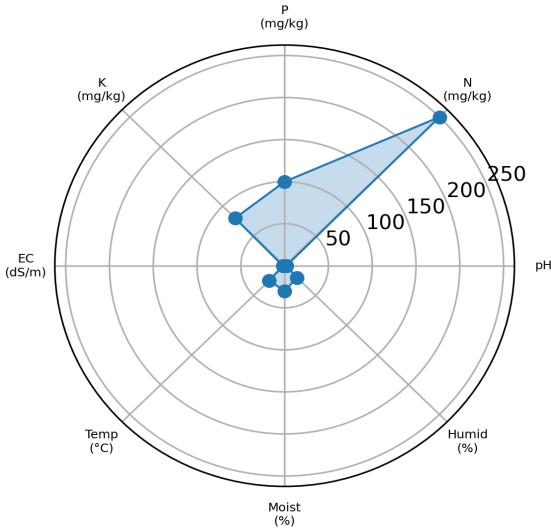
## Sample Details

Test ID	5555
Sample Date	24-04-2024
GPS Data	Lat: 415.0° N, Long: 321.0° E

## Soil Test Information

Indicators	Value	Normal Range
Soil pH	2.0	6.0 - 7.5
Nitrogen (N)(mg/kg)	250.0	50 - 250 mg/kg
Phosphorus (P)(mg/kg)	100.0	20 - 100 mg/kg
Potassium (K)(mg/kg)	80.0	50 - 200 mg/kg
EC(dS/m)	2.0	0 - 2 dS/m
Temperature (°C)	25.0	10 - 30 °C
Moisture (%)	30.0	20 - 80 %
Humidity (%)	20.0	30 - 70 %

Soil Health Indicators



## Overall Result

Result	Value	Range
Soil Health Score	0.36	0 - 1
Rating	Poor	Very Poor, Poor, Below Average, Average, Above Average, Good, Excellent
Crop Recommendations	Grow Millets (Sorghum, Pearl millet), Pulses (Pigeon pea, Chickpea), and Oilseeds (Safflower, Castor).	
Fertilizer Recommendations	Apply organic amendments like Compost (3-5 tonnes/ha), Vermicompost (1.5-2.5 tonnes/ha), or Well-decomposed Farmyard manure (7.5-10 tonnes/ha). Use biofertilizers like Rhizobium (200-300 g/ha), Azotobacter (200-300 g/ha), and Phosphate Solubilizing Bacteria (PSB) (500-750 g/ha). Apply chemical fertilizers at 50% of the recommended dose based on soil test results.	

Report Generated On: 12-04-2024(Friday) 08:27:36PM

**SOIL HEALTH DIAGNOSTIC SYSTEM**  
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