Soil Health Diagnostic System Report

Farmer Information

Name	asdjhalksdjkl
Gender	Female
Age	54
Address	214asd45asd65
Mobile No.	8797865461
Area (ha)	36.0

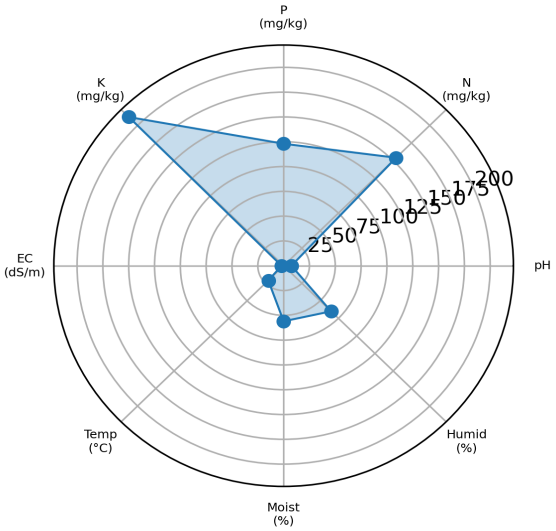
Sample Details

Test ID	2154
Sample Date	11-04-2024
GPS Data	Lat: 546.0° N, Long: 545.0° E

Soil Test Information

Indicators	Value	Normal Range
Soil pH	7.5	6.0 - 7.5
Nitrogen (N)(mg/kg)	154.0	50 - 250 mg/kg
Phosphorus (P)(mg/kg)	123.0	20 - 100 mg/kg
Potassium (K)(mg/kg)	212.0	50 - 200 mg/kg
EC(dS/m)	2.0	0 - 2 dS/m
Temperature (°C)	21.0	10 - 30 °C
Moisture (%)	56.0	20 - 80 %
Humidity (%)	65.0	30 - 70 %

Soil Health Indicators



Overall Result

Result	Value	Range
Soil Health Score	0.57	0 - 1
Rating	Below Average	Very Poor, Poor, Below Average, Average, Above Average, Good, Excellent
Crop Recommendations	Grow maize, soybean, groundnut, cotton, and incorporate legumes into the cropping system.	
Fertilizer Recommendations	Apply organic amendments like Compost (2-3 tonnes/ha), Vermicompost (1-1.5 tonnes/ha), or Well-decomposed Farmyard manure (5-7.5 tonnes/ha). Use biofertilizers like Rhizobium (200-300 g/ha), Azotobacter (200-300 g/ha), and PSB (500-750 g/ha). Apply chemical fertilizers at 75% of the recommended dose based on soil test results and crop requirements.	

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SOIL HEALTH DIAGNOSTIC SYSTEM
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