

## **Soil Health Diagnostic System Report**

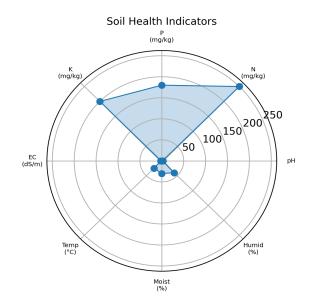
Farmer Information

Sample Details

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Name	asdhjkasd	Test ID	689		
Gender	Male	Sample Date	18-04-2024		
Age	45	GPS Data	Lat: 895.0° N, Long: 245.0° E		
Address	asdjkhaskljdlasd				
Mobile No.	9895645646				
Area (ha)	6.0				

## Soil Test Information

Indicators	Value	Normal Range
Soil pH	2.5	6.0 - 7.5
Nitrogen (N)(mg/kg)	250.0	50 - 250 mg/kg
Phosphorus (P)(mg/kg)	180.0	20 - 100 mg/kg
Potassium (K)(mg/kg)	200.0	50 - 200 mg/kg
EC(dS/m)	2.5	0 - 2 dS/m
Temperature (°C)	25.0	10 - 30 °C
Moisture (%)	30.0	20 - 80 %
Humidity (%)	40.0	30 - 70 %



## Overall Result

Result	Value	Range	
Soil Health Score	0.51	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.		

Report Generated On: 12-04-2024(Friday) 07:35:54AM

