

# SOIL TEST REPORT (Sample – India)

Farmer Name	Ramesh Kumar
Soil Sample ID	ST/OD/2026/0147
Village	Khandapara
District	Nayagarh
State	Odisha
Sample Collected On	12-Jan-2026
Report Date	15-Jan-2026
Soil Type	Sandy Loam
Irrigation Source	Rainfed

## Chemical Properties

Parameter	Result	Unit	Status
pH	6.4	-	Slightly Acidic
Electrical Conductivity	0.38	dS/m	Normal
Organic Carbon	0.52	%	Medium

## Primary Nutrients

Nutrient	Result	Unit	Status
Nitrogen (N)	265	kg/ha	Medium
Phosphorus (P)	18.4	kg/ha	Low
Potassium (K)	312	kg/ha	High

## Micronutrients

Nutrient	Result	Unit	Status
Zinc (Zn)	0.48	ppm	Deficient
Iron (Fe)	5.9	ppm	Adequate
Copper (Cu)	0.62	ppm	Adequate
Manganese (Mn)	3.2	ppm	Adequate
Boron (B)	0.42	ppm	Low

## General Fertilizer Recommendation

Apply 80 kg Nitrogen/ha, 60 kg P<sub>2</sub>O<sub>5</sub>/ha, 40 kg K<sub>2</sub>O/ha. Apply Zinc Sulphate @ 25 kg/ha and Gypsum @ 250 kg/ha. Incorporate organic manure and consider liming every 2–3 years.