

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 P₂O₅/ha, 40 kg K₂O/ha. Apply Zinc Sulphate @ 25 kg/ha and Gypsum @ 250 kg/ha. Incorporate organic manure and consider liming every 2–3 years.