

Plant Health Analysis Report

Report For: indoor plnt (aarna001)

Generated On: 2025-09-15 19:07:05

Image Analysis Result



Uploaded Image: plant.jpg

Detected Plant: Corn (maize)
Detected Condition: Northern Leaf Blight
Confidence Score: 43.44%

Health Information & Recommendations

Disease Description:

Northern leaf blight is a fungal disease of corn that causes long, elliptical, grayish-green lesions on leaves. It can reduce yield significantly.

Recommended Treatment / Medicine:

Fungicides containing strobilurins or triazoles

Application Procedure:

Vanaspati AI

- Accurate Plant Disease Detection
- Detailed Health Information & Care Steps
- Environment & Nutrient Recommendations

*soul." - Alfred Austin
with nature. To nurture a garden is to feed not just the body, but the
"The glory of gardening: hands in the dirt, head in the sun, heart*

Apply fungicides containing strobilurins or triazoles at the VT (tasseling) to R1 (silking) growth stages if disease symptoms are present. Follow label instructions.

Management & Care Steps:

- • Use resistant corn hybrids.
- • Practice crop rotation to reduce inoculum levels.
- • Manage residue to promote decomposition of infected plant material.

Environmental Considerations:

Northern leaf blight is favored by cool, humid conditions. Planting resistant hybrids and managing crop residue can help reduce disease severity.

Nutrient Information

Required Nutrients:	High N, P, K demand. Adequate S, Mg, Ca, and micronutrients (Zn, Mn, B, Cu, Fe).
Potential Impact of Imbalance:	Northern Leaf Blight is caused by the fungus *Exserohilum turcicum*. Nutrient imbalances, such as low Potassium (K) or excessive Nitrogen (N) relative to other nutrients, can potentially increase susceptibility or severity. Balanced fertility promotes healthier plants better able to tolerate disease pressure.
General Guidelines:	Maintain balanced fertility according to soil test recommendations and yield expectations. Adequate Potassium is particularly important for overall plant health and stress tolerance in corn.

Summary / Key Advice:

Northern leaf blight of corn is managed by resistant hybrids, crop rotation, residue management, and fungicides when needed.