

Disease: Corn (maize) Northern Leaf Blight (

Explanation (English):

Northern leaf blight (NLB) is a devastating fungal disease of maize, caused primarily by *Exserohilum turcicum* It attacks leaves, causing characteristic lesions that begin as small, grayish-green spots, often with a chlorotic (yellow). These lesions elongate, becoming tan to brown with a dark brown border

Severe infections can result in significant leaf death, reducing photosynthesis and drastically impacting yield The fungus survives in infected crop residue, and spores are spread by wind and rain

Favorable conditions for disease development include warm temperatures (25-30°C) and high humidity Different maize genotypes exhibit varying levels of resistance to NLB, making resistant cultivars a crucial aspect of

Explanation (Hindi):