



## Disease: Corn (maize) Northern Leaf Blight (नॉर्थन लीफ ब्लिग) (Northern Leaf Blight)

### Explanation (English):

Northern Leaf Blight (NLB), caused by the fungus *Exserohilum turcicum*, is a significant disease of maize worldwide.

It primarily affects leaves, causing characteristic lesions that begin as small, water-soaked spots.

These lesions elongate, becoming grayish-brown to tan with a chlorotic (yellowish) halo.

Lesions often have a slightly raised, tan or light brown center.

Severe infections can result in extensive leaf blight, reducing photosynthesis and significantly impacting yield.

The fungus survives in infected crop debris in the soil and on seeds.

Spread occurs primarily through wind-borne spores, which are readily dispersed during periods of warm, humid weather.

The severity of the disease is influenced by factors like planting density, host susceptibility, and environmental conditions.

Genetic resistance varies among maize hybrids.

### Explanation (Hindi):

नॉर्थन लीफ ब्लिग (NLB) एक महत्वपूर्ण मक्का की बीमारी है, जिसे *Exserohilum turcicum* नामक फंगस का कारण है। यह बीमारी दुनिया भर में मक्का में व्यापक रूप से पाई जाती है।