

MAY



Tar Spot

Timing
May – September

Symptoms
Small, raised black dots on both sides of leaves; brown fish-eye lesions

Conditions for Development
Temperatures between 60 and 70 F, relative high humidity and cloudy skies

Impact on Yield
Severe losses may occur in certain commercial corn hybrids.

JUNE



Common Rust

Timing
June – August

Symptoms
Elongated reddish-brown pustules on both sides of leaves

Conditions for Development
Temperatures in the 60s and 70s F, moisture

Impact on Yield
Yield losses can develop from poorly-filled kernels and lodging.



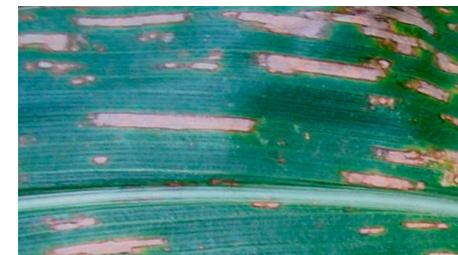
Northern Corn Leaf Blight

Timing
June – August

Symptoms
Elliptical gray or tan lesions up to 6 inches long on leaves

Conditions for Development
Temperatures between 65 and 80 F, rain and high humidity

Impact on Yield
Losses up to 30% can occur.



Gray Leaf Spot

Timing
Late June – September

Symptoms
Rectangular gray lesions up to 2 inches long on leaves

Conditions for Development
Temperatures between 75 and 85 F, high humidity, moisture and fog

Impact on Yield
Losses in excess of 50% can occur.

JULY



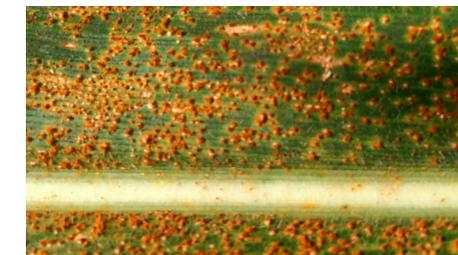
Northern Corn Leaf Spot

Timing
July – August

Symptoms
Rectangular brown spots and/or narrow tan lesions on leaves

Conditions for Development
Moderate temperatures and high humidity

Impact on Yield
Does not typically have a serious impact on yield. However, it may be confused with similar, more serious diseases that result in significant loss.



Southern Rust

Timing
July – September

Symptoms
Circular, pinhead pustules that are reddish-orange on upper leaf surfaces

Conditions for Development
Temperatures in the 80s F, humidity

Impact on Yield
Significant yield loss is possible under severe disease pressure.

For a closer look at these and other crop diseases, along with solutions, download the [Disease ID Guide](#) from Corteva Agriscience.