

Agronomy Profile



CORTEVATM
agriculture



Foliar fungicides

Overview

Warm, moist conditions from July to September can cause increased disease incidence in corn. Studies have shown potential economic benefits from foliar fungicide applications in corn. This benefit can vary based on hybrid, timing of application, severity of disease pressure and weather conditions.

What you should know

- Fungicide treatments can provide protective or curative benefits for corn diseases such as gray leaf spot, common rust, eyespot and anthracnose.
- These diseases can limit photosynthesis due to tissue death.
- Loss of leaf tissue also may result in grain production loss or harvest loss due to weakened stalk strength and harvestability issues.



Application of foliar fungicides can protect and cure corn from diseases common during warm, moist summer months.

Action steps

1. **Review records:** Reference planting records and field maps to determine which hybrids and/or fields would benefit most from a fungicide application.
2. **Determine harvest schedules:** Some fields may be harvested later to allow for in-field drying or to address storage issues. Corn treated with fungicides typically has better standability than untreated corn.
3. **Scout fields:** Understand the crop's condition and determine disease pressures present.
4. **Select a fungicide:** Consult your local crop protection adviser to discuss the best product option for the specific field situation. There are several options with different active ingredients. Your adviser may recommend a protective or curative fungicide, depending on the severity of the disease.
5. **Apply properly:** Schedule fungicide applications for the best product performance and crop safety, and follow all label instructions.



30-Second Summary

- Warm, moist conditions in late summer can increase incidence of diseases like gray leaf spot, common rust, eyespot and anthracnose in corn.
- Several foliar fungicides can help combat these diseases and provide economic benefit.
- Benefits will vary depending on various field and disease conditions.

NOTES:

For more information, contact:

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