

Approach® Prima

Onmira™ active

FUNGICIDE

Realize the opportunity
for maximized corn yield

Properties for optimum performance:

- **Rapid uptake, wax diffusion & metabolic stability:** Stop early infections, protect against weathering, provide a strong residual
- **Translaminar & local systemic movement:** Ensure complete coverage, stop existing infections (curative), protect new growth
- **Surface diffusion:** Redistribute within the canopy for better control when application may not be optimal; stop the fungus at its source, lower in the plant canopy

Broad-spectrum control of yield-robbing diseases

- Approach Prima (picoxystrobin + cyproconazole) controls all phases of a pathogen's life cycle for broad-spectrum control and superior performance:
- Preventive — stops spore germination and penetration, spore-kill.
- Curative — stops the fungus from completing its life cycle, even after initial infection and before visual symptoms.
- Eradicant — stops the sporulating lesion to shut down the epidemic.

Approach Prima decision

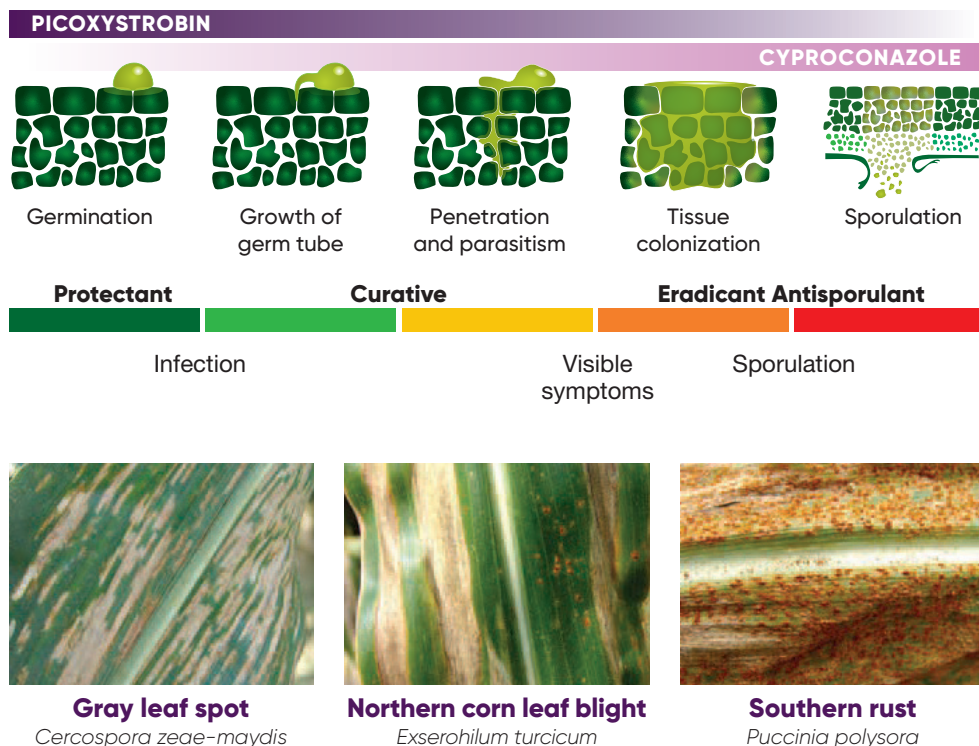
- Don't get caught, especially with yield-robbing diseases such as southern rust and northern corn leaf blight. Scout prior to tasseling, evaluating leaves below ear-leaf (L-1, L-2).
- Apply Approach Prima 6.8 fl oz/A at V10–VT based on hybrid susceptibility, disease pressure and favorable environment (moderate temperature, heavy dews, rainfall). Do not use an adjuvant between V8 up to VT.
- Use an Approach 9 fl oz/A follow-up application at R1–R3, if needed for extended infections and favorable environment.
- Factors influencing disease development (Purdue University descriptions):

Fungicide	Leaf Uptake	Translaminar	Good wax diffusion	Systemic	New growth protection	Surface diffusion	Metabolic stability in leaf
Picoxystrobin (Approach® fungicide & Approach® Prima fungicide)	Med.	Yes	Yes	Yes	Yes	Yes	Yes
Azoxystrobin (Quadris, Quilt Xcel, Trivapro)	Low	Yes	Low	Yes	Yes	No	Yes
Trifloxystrobin (Flint, Stratego YLD)	Very Low	Low	Yes	No	No	Yes	Low
Pyraclostrobin (Headline, Headline AMP)	Very Low	Low	Med.	No	No	No	Yes

Approach Prima 6.8 fl oz contains picoxystrobin plus cyproconazole. Strobilurin fungicides (picoxystrobin, azoxystrobin, trifloxystrobin, pyraclostrobin) are the primary components in corn fungicides for plant health and disease control.

Source: Review — The strobilurin fungicides, Bartlett, D.W., Clough, J.M., Godwin, J.R., Hall, A.A., Hamer, M., Parr-Dobrzanski, B., Pest Manag Sci 58:649-662 2002

Active Ingredients with Complementary Activity



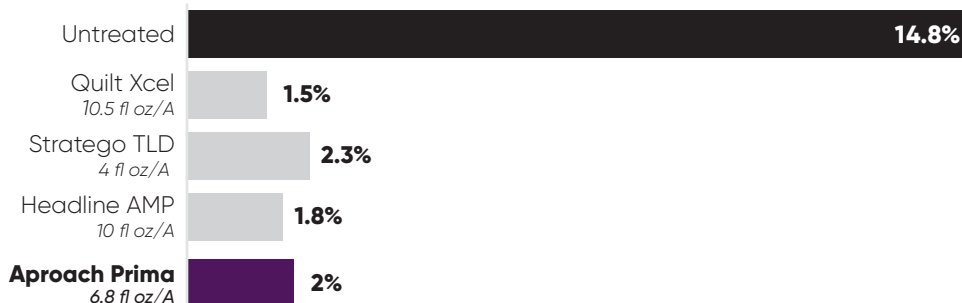
Aproach® Prima fungicide disease control & yield performance

Gray Leaf Spot

- **Temp:** 75 – 85°F
- 90% relative humidity
- Infection to signs of symptoms may take up to two weeks
- Yield loss can occur if ear leaf or higher is infected two weeks before and after tassel

Gray Leaf Spot

2015 University of Tennessee, Corn Fungicide Verification Trial, Milan, Tenn. VT application.

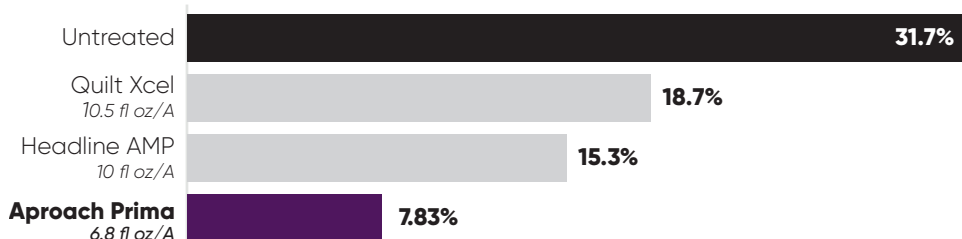


Northern corn leaf blight

- **Temp:** 64 – 81°F
- 6 to 18 hours of leaf wetness
- Under favorable conditions, lesions can form in 7 to 12 days after infection
- Hybrid corn can suffer up to 30% yield loss if lesions are present before or after tassel

Northern Corn Leaf Blight 2010–2015

Single application at V10–R1, 21-trials, Corteva Crop Protection

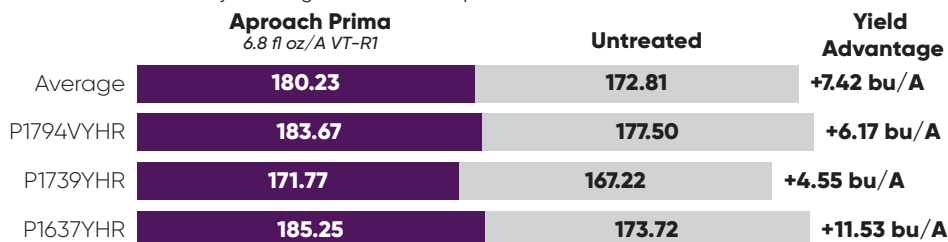


Southern rust

- **Temp:** 77 – 82°F
- Approximately 6 hours of leaf wetness
- **Infection to production of new pustules:** as few as 7 days
- Each pustule produces thousands of spores
- Yield loss up to 25 bu/A

Southern Rust Control Yield (Bu/A)

2015. Auburn University. Planting dates March– April.



Based on \$3.60/bu corn. Avg. rust pressure in untreated 3.7 on 0–9 scale.

Profitable corn production

Protect your hybrid yield potential with superior disease control. Plant health can maximize green-leaf area and chlorophyll synthesis to ensure higher yield and stalk stability.

Aproach Prima higher yields

2015 Kansas State University, Silver Lake, Kan. VT application.



Corn infected with gray leaf spot and anthracnose top dieback. PRA-15-069.

For more information on Aproach Prima, please contact your local Corteva Agriscience territory manager or call **1-833-Corteva**.

Visit us at AproachPrima.corteva.us

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