

# **Corn Gray Leaf Spot Risk Forecast**

For period of July 17 – Aug 15, Date of Issue: July 18, 2021

#### **One-Month Weather Outlook**

Over the next 30 days areas north of I-80 will see warmer than normal temperatures, while south of I-80 temperatures will be in the normal range. Normal rainfall is expected except in the Ohio River Valley with higher than normal precipitation predicted. During the next two weeks temperatures will be above average for the entire Corn Belt. Precipitation will be below normal west of the Mississippi River and normal or higher east of the River.

# **Gray Leaf Spot Risk Summary**

The risk for gray leaf spot in the Corn Belt is at similar level of previous forecasts.

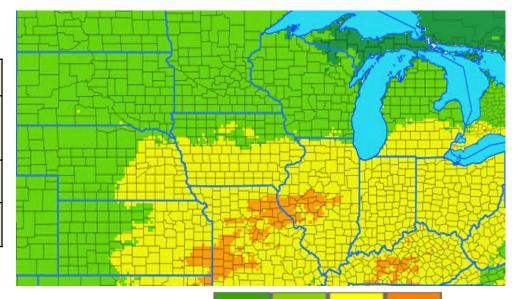
# Next two-week risk interpretation

Weather conditions are moderately favorable to GLS in areas south of US Hwy 3 for the next two weeks with some areas at high risk. Consider spraying susceptible hybrids in at-risk areas. When scouting, consider treatment if GLS is found on the ear leaf or higher. Corn-corn ground or no-till is at higher risk than indicated.



#### **ONE-MONTH RISK MAP**

WHAT TO DO?	
HIGH	Treat susceptible hybrids and weigh risk factors for other fields
MODERATE	Scout fields and treat as conditions warrant
LOW OR VERY LOW	Monitor risk forecasts



#### Risk Level

Very-low Low Moderate High

### DISCLAIMER

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# **Northern Corn Leaf Blight Risk Forecast**

For period of July 17 - Aug 15, Date of Issue: July 18, 2021

#### **One-Month Weather Outlook**

Over the next 30 days areas north of I-80 will see warmer than normal temperatures, while south of I-80 temperatures will be in the normal range. Normal rainfall is expected except in the Ohio River Valley with higher than normal precipitation predicted. During the next two weeks temperatures will be above average for the entire Corn Belt. Precipitation will be below normal west of the Mississippi River and normal or higher east of the River.

# **Northern Leaf Blight Risk Summary**

The risk of northern corn leaf blight continues to increase in the central Corn Belt.

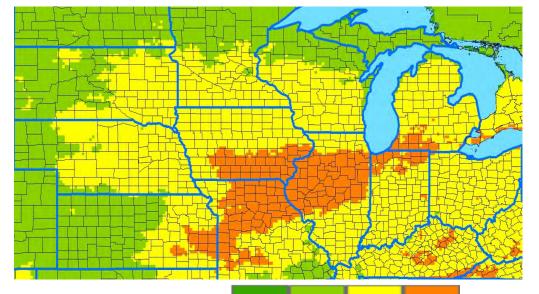
# Next two-week risk interpretation

Conditions are increasingly favorable to NCLB in the Corn Belt. In areas of orange, consider spraying susceptible hybrids. In areas of yellow, consider spraying when NCLB is detected on susceptible hybrids in the middle of the canopy or higher. Lateplanted corn has higher risk than indicated on the map.



#### **ONE-MONTH RISK MAP**

WHAT TO DO?	
HIGH	Treat susceptible hybrids and weigh risk factors for other fields
MODERATE	Scout fields and treat as conditions warrant
LOW OR VERY LOW	Monitor risk forecasts



#### Risk Level

Very-low

#### Low

Moderate High



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# **Corn Southern Rust Risk Forecast**

For period of July 17 – Aug 15, Date of Issue: July 18, 2021

### **One-Month Weather Outlook**

Over the next 30 days areas north of I-80 will see warmer than normal temperatures, while south of I-80 temperatures will be in the normal range. Normal rainfall is expected except in the Ohio River Valley with higher than normal precipitation predicted. During the next two weeks temperatures will be above average for the entire Corn Belt. Precipitation will be below normal west of the Mississippi River and normal or higher east of the River.

# **Southern Rust Risk Summary**

The risk of southern corn rust is moderate to high in southwestern areas.

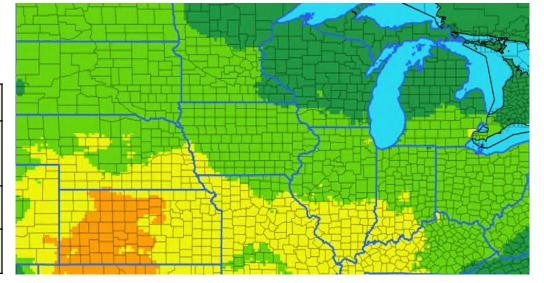
#### **Next 2-week risk interpretation**

More diseased plants will be found in areas of yellow or orange due to favorable or moderately favorable weather conditions. Treat corn fields where the disease has been identified or if southern rust has been reported nearby. Late-planted corns in yellow areas are at higher than moderate risk.



**ONE-MONTH RISK MAP** 

WHAT TO DO?	
HIGH	Treat susceptible hybrids and weigh risk factors for other fields
MODERATE	Scout fields and treat as conditions warrant
LOW OR VERY LOW	Monitor risk forecasts



#### Risk Level

Very-low Moderate High Low

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# **Corn Common Rust Risk Forecast**

For period of July 17 – Aug 15, Date of Issue: July 18, 2021

#### **One-Month Weather Outlook**

Over the next 30 days areas north of I-80 will see warmer than normal temperatures, while south of I-80 temperatures will be in the normal range. Normal rainfall is expected except in the Ohio River Valley with higher than normal precipitation predicted. During the next two weeks temperatures will be above average for the entire Corn Belt. Precipitation will be below normal west of the Mississippi River and normal or higher east of the River.

# **Common Rust Risk Summary**

The risk of corn common rust is increasing for susceptible hybrids.

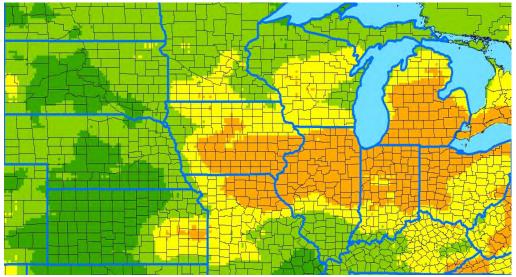
## **Risk interpretation**

Although most hybrids in the Corn Belt are resistant to common rust, weather conditions will become more favorable during the next two weeks, increasing the risk for susceptible hybrids. In areas of orange, consider spraying susceptible hybrids if disease is detected on the middle or upper portions of the plants.



#### ONE-MONTH RISK MAP

WHAT TO DO?	
HIGH	Treat susceptible hybrids and weigh risk factors for other fields
MODERATE	Scout fields and treat as conditions warrant
LOW OR VERY LOW	Monitor risk forecasts



#### Risk Level

Very-low

# Moderate High



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#### **One-Month Weather Outlook**

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# **Corn Tar Spot Risk Summary**

The risk of corn tar spot in the Corn Belt is at similar levels to the previous forecast.

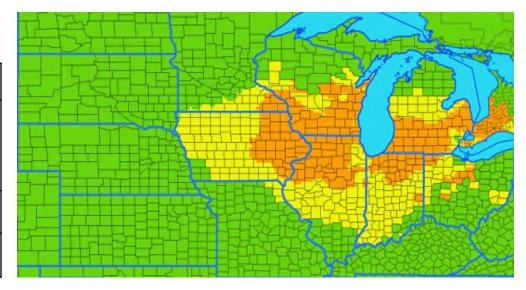
## Next two-week risk interpretation

Weather conditions are moderately or highly favorable to tar spot infections in areas where the disease was reported in previous years. In areas of orange, consider spraying if the disease is detected. In areas of yellow, scout for the black ascomata, especially in corn-on-corn fields.



ONE-MONTH RISK MAP

WHAT TO DO?	
HIGH	Treat at the first sign
	of infection in your
	fields or the disease is
	developing in
	neighboring fields
MODERATE	Scout fields and treat
	as conditions warrant
LOW OR VERY LOW	Monitor risk forecasts



#### Risk Level

#### Very-low Low Moderate High

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