



DELARO™

Soybean White Mold Risk Forecast

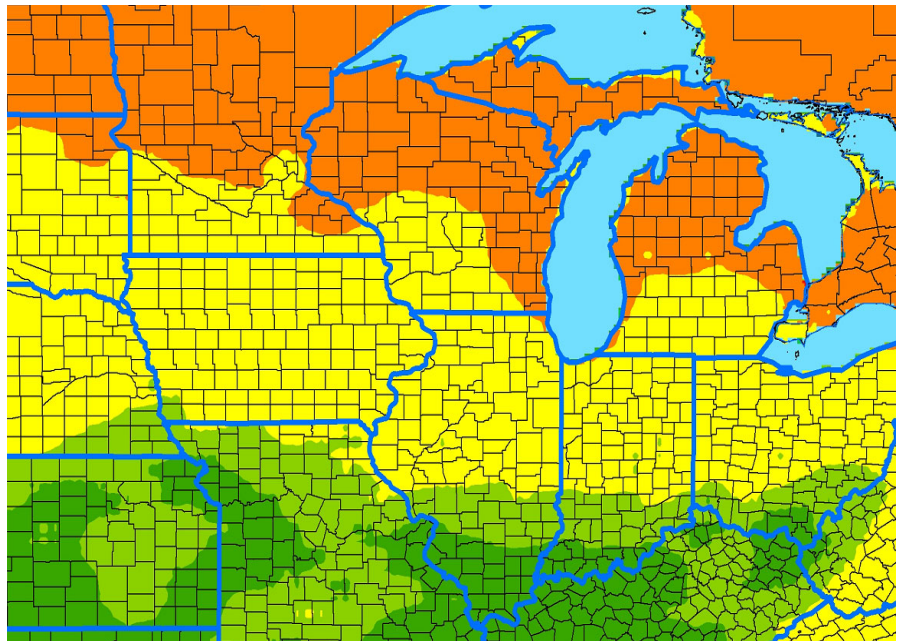
For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One-Month Weather Outlook

During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.



One-month risk map



Risk Level
 Very-low Low Moderate High Very-high

What to do?

High:	Treat flowering fields that have a closing canopy and a history of white mold infections
Moderate	Scout fields and weigh disease risk factors
Low or Very low	Monitor risk forecasts

White Mold Risk Summary

The risk of white mold infection is moderate for areas north of I-70, with high risk areas north of I-90.

Next two-week risk interpretation

The risk for soybean white mold is high for much of ND, MN, WI, and MI for the next two weeks, and at moderate risk between I-90 and I-70. Pay particular attention to soybean fields that are flowering, planted in narrow rows, and have a history of white mold. For greatest efficacy treatments need to be made before disease symptoms are seen, and before canopy closure.

DISCLAIMER

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DELARO™

Soybean Brown Spot Risk Forecast

For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One-Month Weather Outlook

During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.

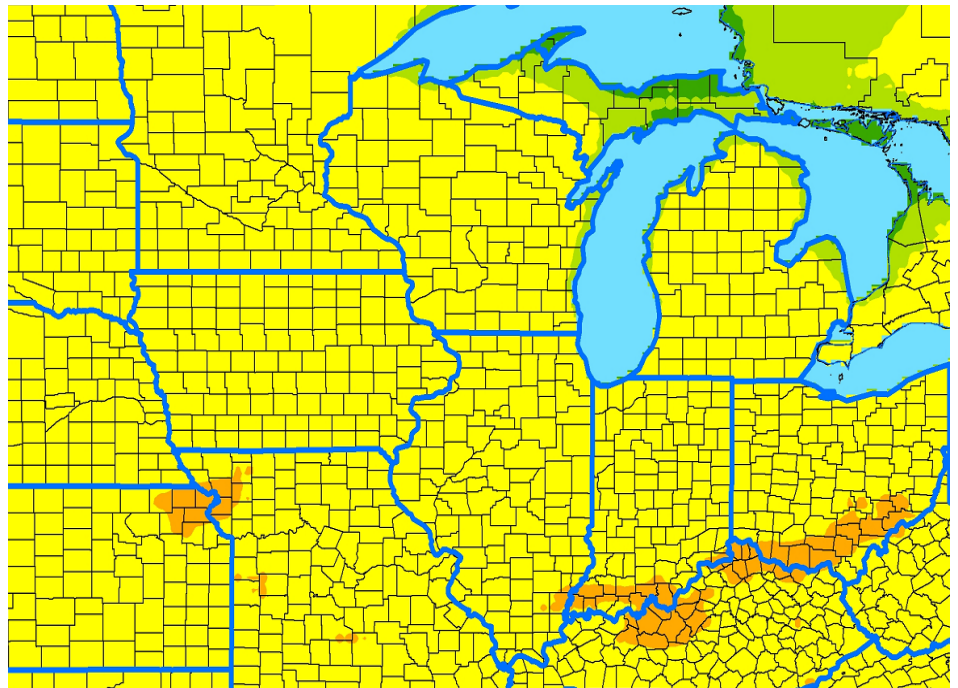
Brown Spot Risk Summary

The risk of soybean brown spot is moderate for most of the region.

Next two-week risk interpretation

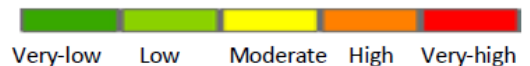
For the next two weeks the risk for brown spot is moderate in most of the northern production region. Brown spot spreads by splashing rain. Fields impacted by spring flooding are more susceptible to brown spot as the season progresses.

One-month risk map



What to do?	
High:	Consider treatment, especially susceptible cultivars
Moderate	Scout fields and weigh disease risk factors
Low or Very low	Monitor risk forecasts

Risk Level



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DELARO™

Soybean Frogeye Leaf Spot Risk Forecast

For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One-Month Weather Outlook

During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.

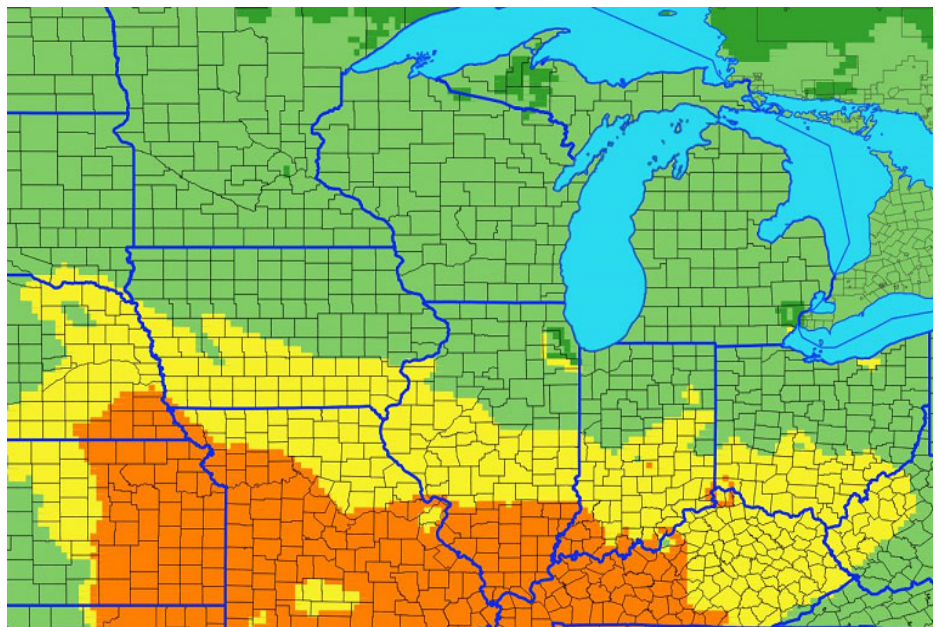
Frogeye Leaf Spot Risk Summary

The risk of soybean frogeye leaf spot has increased to high for areas extending from eastern KS through western Kentucky.

Next two-week risk interpretation

The FLS disease risk has increase to high for fields from southeast NE and eastern KS to western KY. A zone of moderate risk surrounds the high risk geography. The following conditions increase the infection risk in a particular field: heavy infection in previous years, fields near a river or a lake, or fields in a soybean-soybean rotation.

30-day Risk Map



What to do?

High:	Consider treatment, especially susceptible cultivars
Moderate	Scout fields and weigh disease risk factors
Low or Very low	Monitor risk forecasts

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Risk Level



Bayer CropScience



Corn Gray Leaf Spot Risk Forecast

For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One-Month Weather Outlook

During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.

Gray Leaf Spot Risk Summary

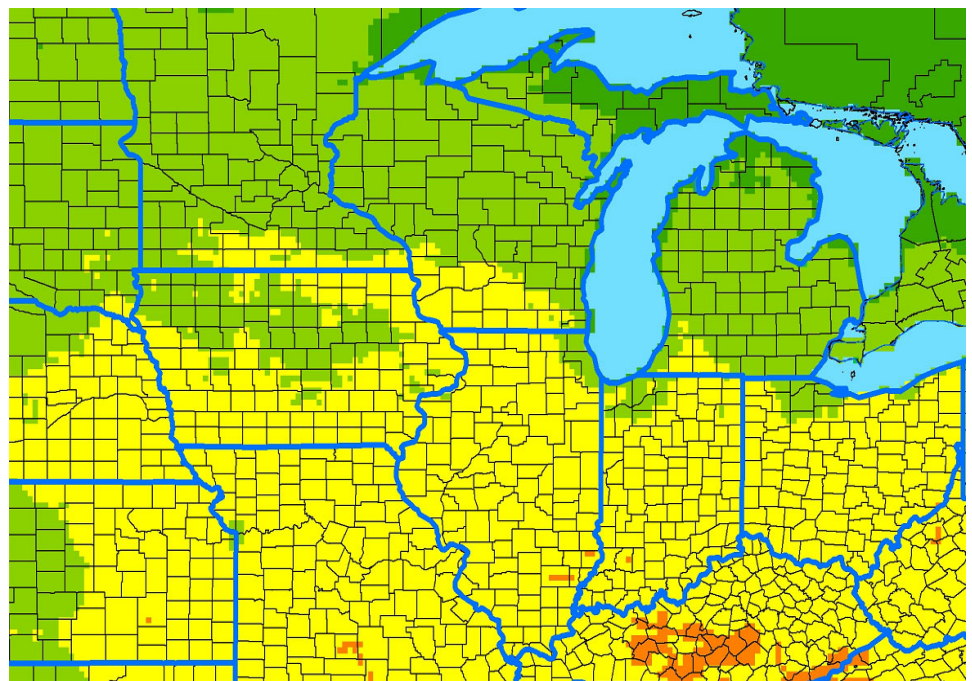
The risk for gray leaf spot is moderate south of I-90, with pockets at high risk as one moves south in the forecast region.

Next two-week risk interpretation

The conditions for GLS are moderately suitable for development south of MI, WI, MN, and the Dakotas. There are several pockets in the map that are at high risk. Fields in the yellow zones may be at high risk if corn follows corn and GLS was problematic last year.

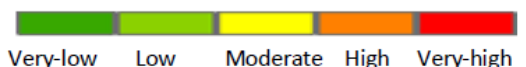


One-month risk map



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



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Northern Corn Leaf Blight Risk Forecast

For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One-Month Weather Outlook

During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.

Northern Leaf Blight Risk Summary

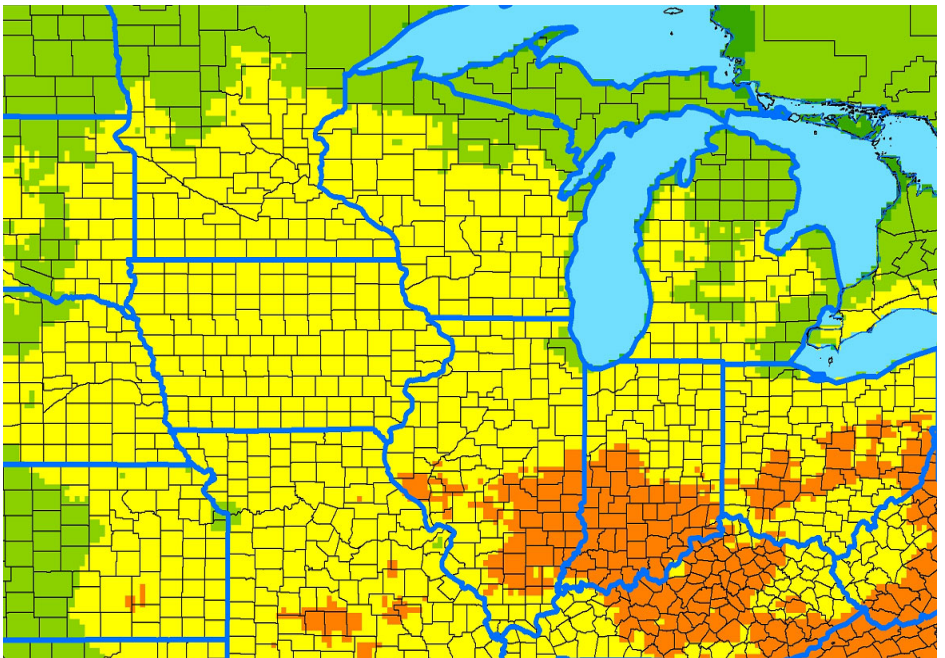
The risk of northern corn leaf blight is moderate for most of the Corn Belt, with the southeast quadrant of the map at mostly high risk.

Next two-week risk interpretation

Conditions over the next two weeks are moderately to highly favorable for NCLB. In regions of orange, the risk is high, especially for late-planted corn. Consider treatment if the disease is detected or found at increasing levels in nearby fields.



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 Very-high

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Corn Common Rust Risk Forecast

For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One month Weather Outlook

During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.



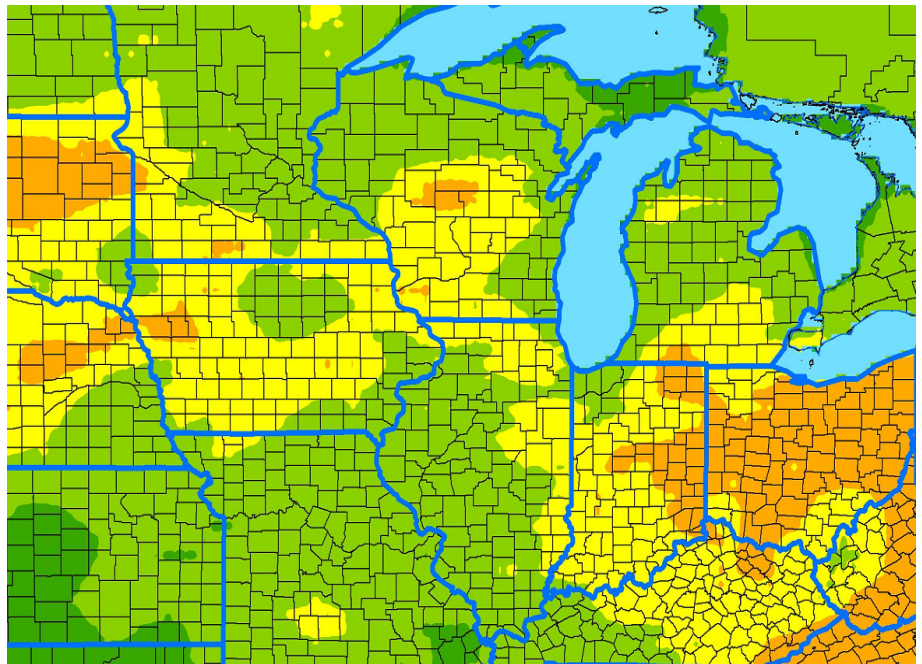
One-month risk map

Common Rust Risk Summary

The risk of corn common rust is high for areas in the southeast corner of the forecast map, and for pockets farther west.

Risk interpretation

The risk of corn common rust is high for the southeastern quadrant of the forecast area, along with scattered zones in WI, IA, SD, and NE. Areas at moderate risk surround the high risk locations. In areas depicted in orange, disease symptoms are likely to be found on sensitive hybrids first. The level of infection will depend on the genetic resistance and local weather.



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 Very-high

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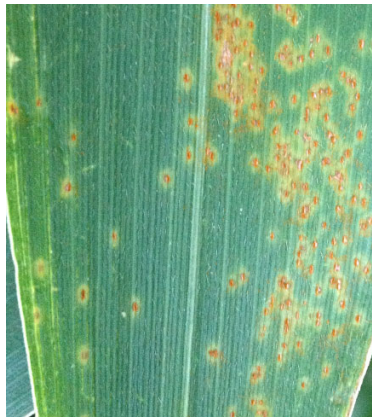
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Corn Southern Rust Risk Forecast

For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One month Weather Outlook

During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.



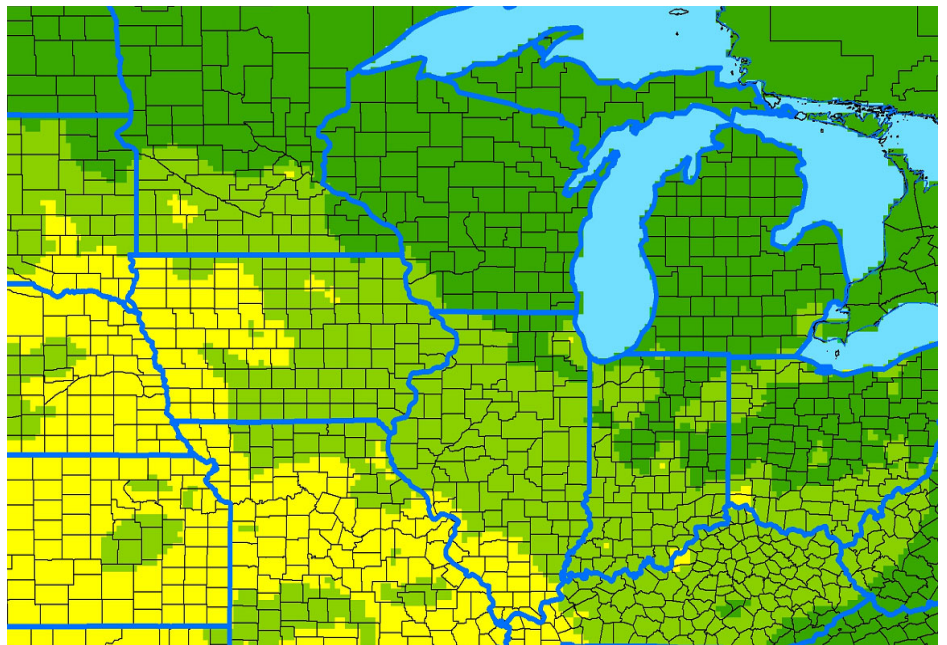
One-month risk map

Southern Rust Risk Summary

The risk of southern corn rust has increased in the southwestern part of the forecast map with areas now at moderate risk.

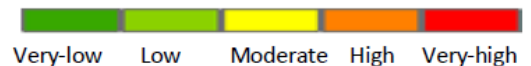
Next 2-week risk interpretation

Southern corn rust has started to move into the High Plains states. In areas of yellow, weather conditions are moderately suitable for this disease and SCR infected leaves may be found at low levels during the next two weeks. Consider treatment if lesions are identified in your fields or nearby fields.



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



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Corn Tar Spot Risk Forecast

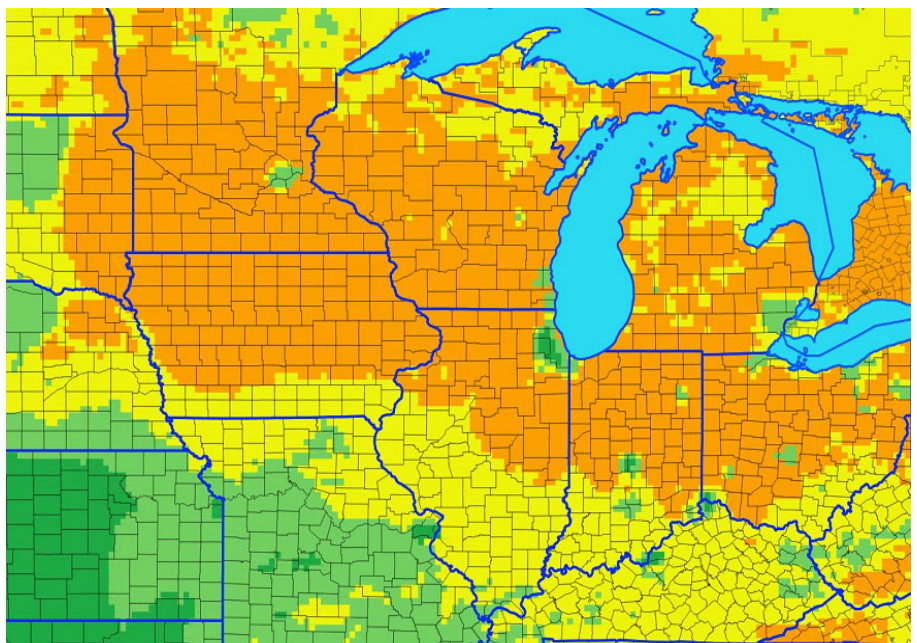
For period of July 13 – Aug 11, Date of Issue: July 14, 2019

One month Weather Outlook

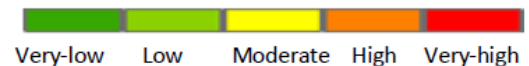
During this summer period temperatures will range from normal to cooler than normal for fields north of I-90. For regions south of I-90, temperatures will be warmer than normal. A decrease in rainfall is predicted. Regions east of the Missouri River will receive less than normal precipitation. Areas west will receive normal precipitation.



One-month risk map (weather favorability)



Risk Level



What to do?

High:	Treat fields at the first sign if infection or if infection levels are increasing in neighboring fields
Moderate	Scout fields and treat as conditions warrant
Low or Very low	Monitor risk forecasts

Tar Spot Risk Summary

The risk of tar spot establishment in fields that were infected last year is high.

Next 2-week risk interpretation

Over the next two weeks weather conditions are highly suitable for TS for most areas where TS was identified last year. Consider spraying a fungicide once TS lesions are found. For areas that are a distance from fields that were impacted last year, such as KS, SD, ND, NE, western IA, and western MN the risk of an epidemic is low.

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