



Soybean White Mold Risk Forecast

For period of July 6 – Aug 4, Date of Issue: July 8, 2019

One-Month Weather Outlook

Temperatures across the Corn Belt will be in the normal to below normal range during the next 30 days. Above normal precipitation is predicted, especially for areas west of the Mississippi River. For the next two weeks, temperatures are expected to be warmer than normal with less than normal rainfall for IA, IL, IN and MO. North of I-90 precipitation will be normal to above normal.

White Mold Risk Summary

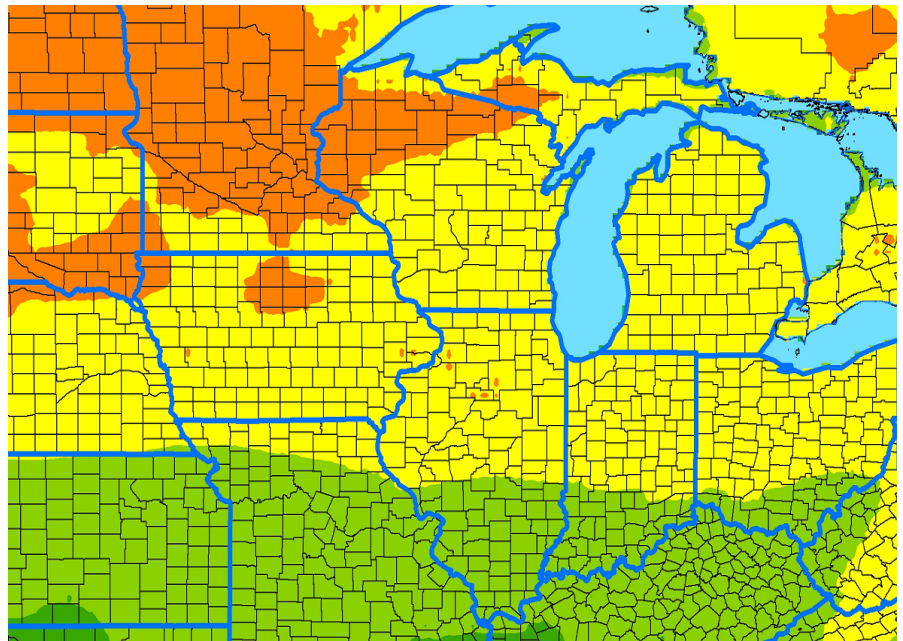
The risk of white mold infection is moderate for areas north of I-70, with large areas of high risk in the northwest quadrant of the forecast area.

Next two-week risk interpretation

The risk for soybean white mold is moderate to high for areas north of I-70 for the next two weeks, particularly in ND, MN, and parts of SD, IA, and WI. 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 the canopy closes.



One-month risk map



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



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Soybean Brown Spot Risk Forecast

For period of July 6 – Aug 4, Date of Issue: July 7, 2019

One-Month Weather Outlook

Temperatures across the Corn Belt will be in the normal to below normal range during the next 30 days. Above normal precipitation is predicted, especially for areas west of the Mississippi River. For the next two weeks, temperatures are expected to be warmer than normal with less than normal rainfall for IA, IL, IN and MO. North of I-90 precipitation will be normal to above normal.

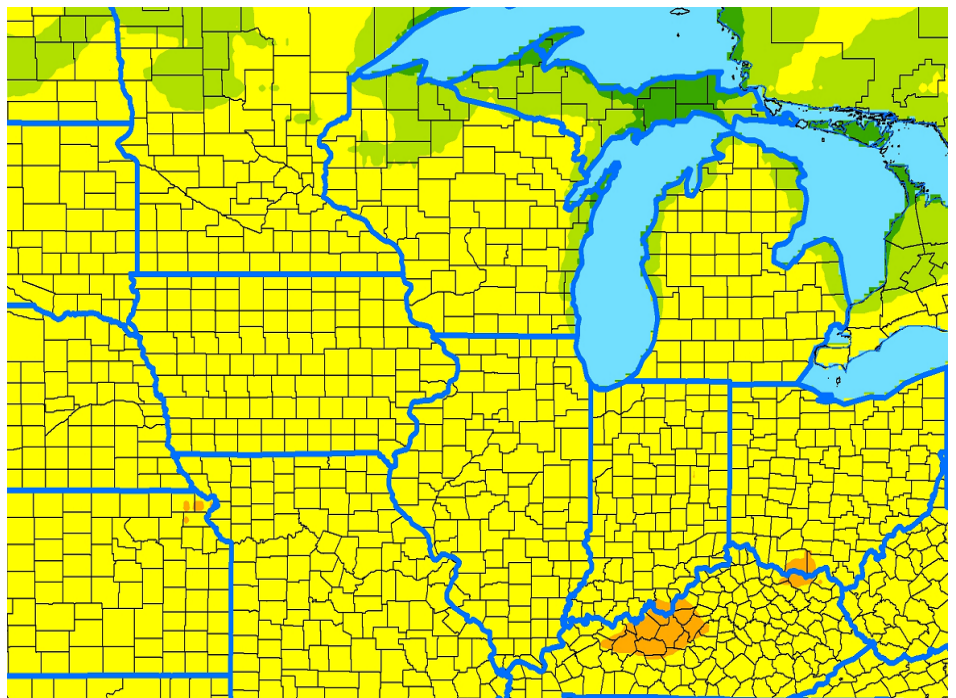
Brown Spot Risk Summary

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

Next two-week risk interpretation

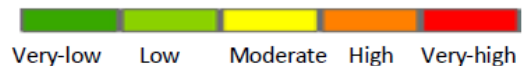
For the next two weeks the risk for brown spot is moderate in most of the northern production regions. Brown spot spreads by splashing rain. Fields impacted by spring flooding are more susceptible to brown spot as the season progresses.

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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Soybean Frogeye Leaf Spot Risk Forecast

For period of July 6 – Aug 4, Date of Issue: July 7, 2019

One-Month Weather Outlook

Temperatures across the Corn Belt will be in the normal to below normal range during the next 30 days. Above normal precipitation is predicted, especially for areas west of the Mississippi River. For the next two weeks, temperatures are expected to be warmer than normal with less than normal rainfall for IA, IL, IN and MO. North of I-90 precipitation will be normal to above normal.

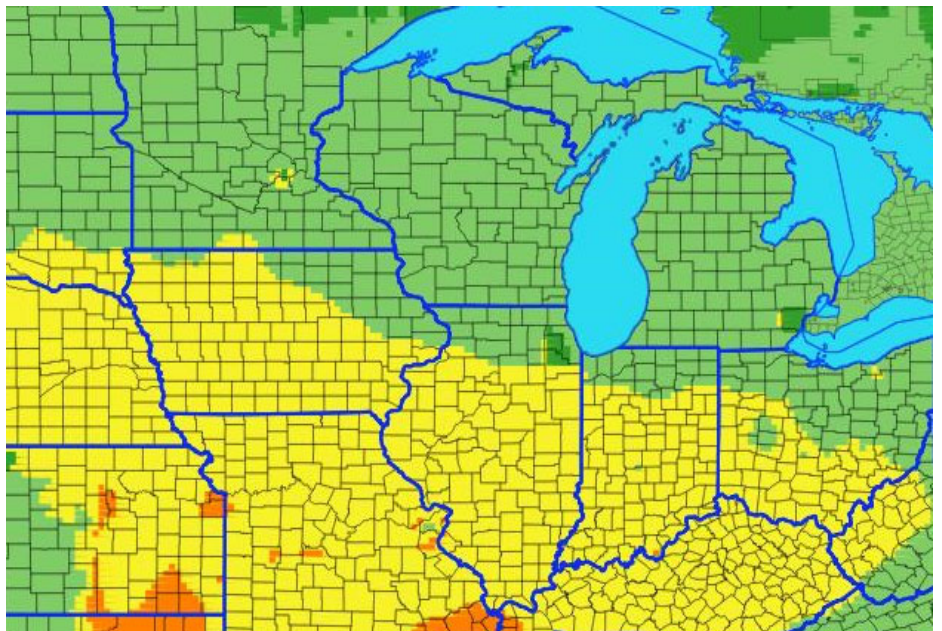
Frogeye Leaf Spot Risk Summary

The risk of soybean frogeye leaf spot has increased to high for areas in eastern KS, western Kentucky, and southeast Missouri.

Next two-week risk interpretation

Disease risk is moderate for the southern part of the Corn Belt with some pockets of high risk, and is likely to increase. 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



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Corn Gray Leaf Spot Risk Forecast

For period of July 6 – Aug 4, Date of Issue: July 7, 2019

One-Month Weather Outlook

Temperatures across the Corn Belt will be in the normal to below normal range during the next 30 days. Above normal precipitation is predicted, especially for areas west of the Mississippi River. For the next two weeks, temperatures are expected to be warmer than normal with less than normal rainfall for IA, IL, IN and MO. North of I-90 precipitation will be normal to above normal.

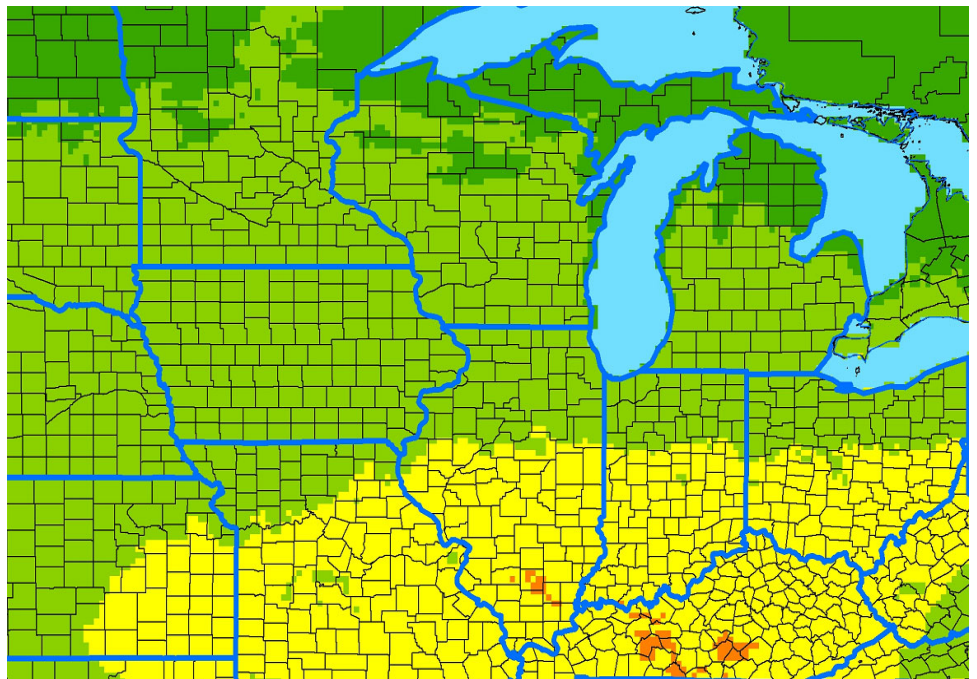
Gray Leaf Spot Risk Summary

The risk for gray leaf spot has increased in the southern areas, but remains low in the north.

Next two-week risk interpretation

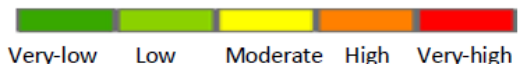
The conditions for GLS are moderately suitable in southern areas (KY, and southern parts of IN, IL, MO, OH, and southeast KS). Scout fields in regions of yellow. Corn/corn fields are at a higher risk than moderate, especially in no-till. For regions of green, the risk over the next two weeks remains low.

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 6 – Aug 4, Date of Issue: July 7, 2019

One-Month Weather Outlook

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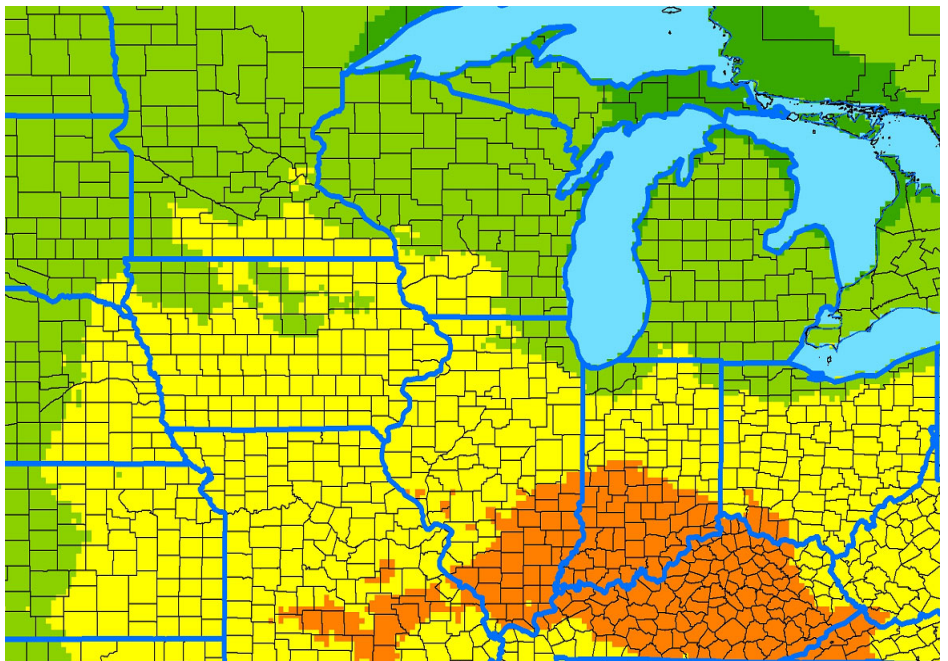
Northern Leaf Blight Risk Summary

The risk of northern corn leaf blight is moderate to high south of I-80.

Next two-week risk interpretation

Conditions over the next two weeks are moderately to highly favorable for NCLB in regions south of I-80. 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



Risk Level Very-low Low Moderate High Very-high

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

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Corn Common Rust Risk Forecast

For period of July 6 – Aug 4, Date of Issue: July 7, 2019

One month Weather Outlook

Temperatures across the Corn Belt will be in the normal to below normal range during the next 30 days. Above normal precipitation is predicted, especially for areas west of the Mississippi River. For the next two weeks, temperatures are expected to be warmer than normal with less than normal rainfall for IA, IL, IN and MO. North of I-90 precipitation will be normal to above normal.



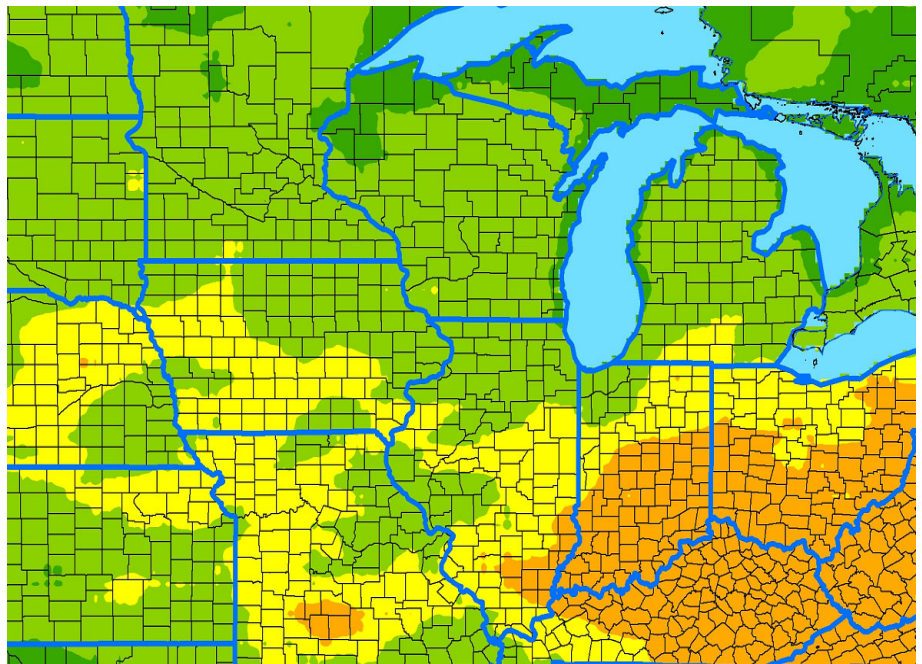
One-month risk map

Common Rust Risk Summary

The risk of corn common rust is moderate to high south of I-80, but has decreased for some areas west of the Mississippi River.

Risk interpretation

The risk of corn common rust is moderate to high for the southeastern quadrant of the forecast area, with scattered areas at moderate risk in the southwestern quadrant. In areas depicted in orange, disease symptoms are likely to be found on sensitive hybrids. 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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Corn Southern Rust Risk Forecast

For period of July 6 – Aug 4, Date of Issue: July 7, 2019

One month Weather Outlook

Temperatures across the Corn Belt will be in the normal to below normal range during the next 30 days. Above normal precipitation is predicted, especially for areas west of the Mississippi River. For the next two weeks, temperatures are expected to be warmer than normal with less than normal rainfall for IA, IL, IN and MO. North of I-90 precipitation will be normal to above normal.



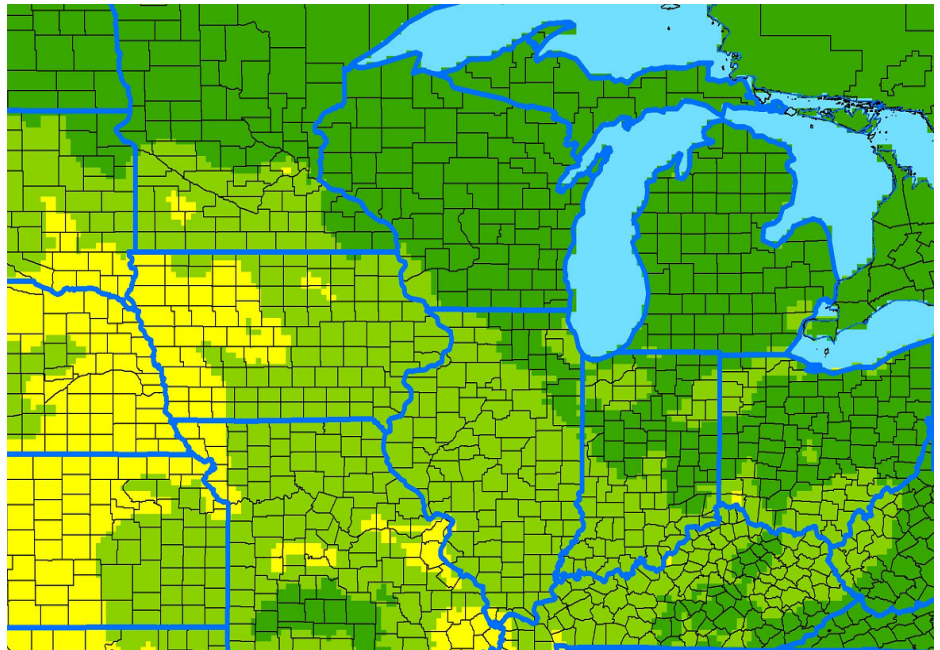
One-month risk map

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

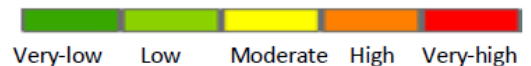
Southern corn rust has started to move into the High Plains states. In areas of yellow, weather conditions are moderately suitable for this disease and SCR infected leaves may be found at low levels during the next two weeks. Consider treatment if lesions are identified in your fields or nearby fields.



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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