



# Soybean White Mold Risk Forecast

For period of July 18 – Aug 16, Date of Issue: July 19, 2020

## One-Month Weather Outlook

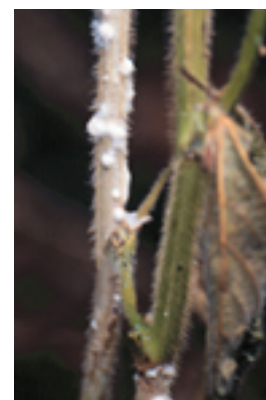
Over the next 30 days temperatures will be above normal for the Corn Belt with the exception of SD and western MN. Precipitation amounts will be normal to above normal outside of KS, which will be below normal. During the next two weeks precipitation will decrease from above normal for the entire Corn Belt to normal or dryer for the southwestern areas (south of I-90 and west of I-35).

## White Mold Risk Summary

The white mold risk is at a similar level to previous forecasts, which is moderate for northern states.

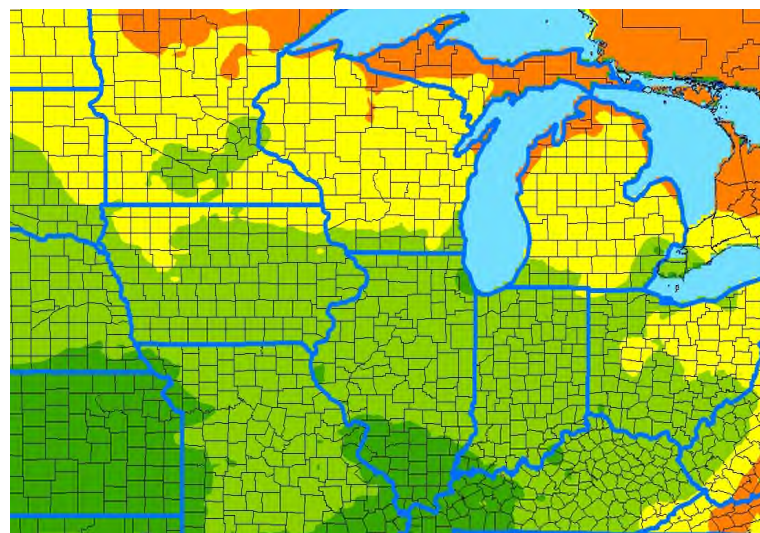
## Next two-week risk interpretation

The white mold risk is moderate in the northern production areas. In the regions of yellow, drilled fields with a history of white mold infections are at higher risk than moderate. Scouting for white mold mushrooms (apothecia) in these fields is recommended.

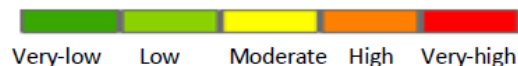


## ONE-MONTH RISK MAP

| WHAT TO DO?            |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| <b>HIGH</b>            | Treat flowering fields that have a closing canopy and a history of white mold infections |
| <b>MODERATE</b>        | Scout fields and weigh disease risk factors                                              |
| <b>LOW OR VERY LOW</b> | Monitor risk forecasts                                                                   |



Risk Level



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# Soybean Brown Spot Risk Forecast

For period of July 18 – Aug 16, Date of Issue: July 19, 2020

## One-Month Weather Outlook

Over the next 30 days temperatures will be above normal for the Corn Belt with the exception of SD and western MN. Precipitation amounts will be normal to above normal outside of KS, which will be below normal. During the next two weeks precipitation will decrease from above normal for the entire Corn Belt to normal or dryer for the southwestern areas (south of I-90 and west of I-35).

## Brown Spot Risk Summary

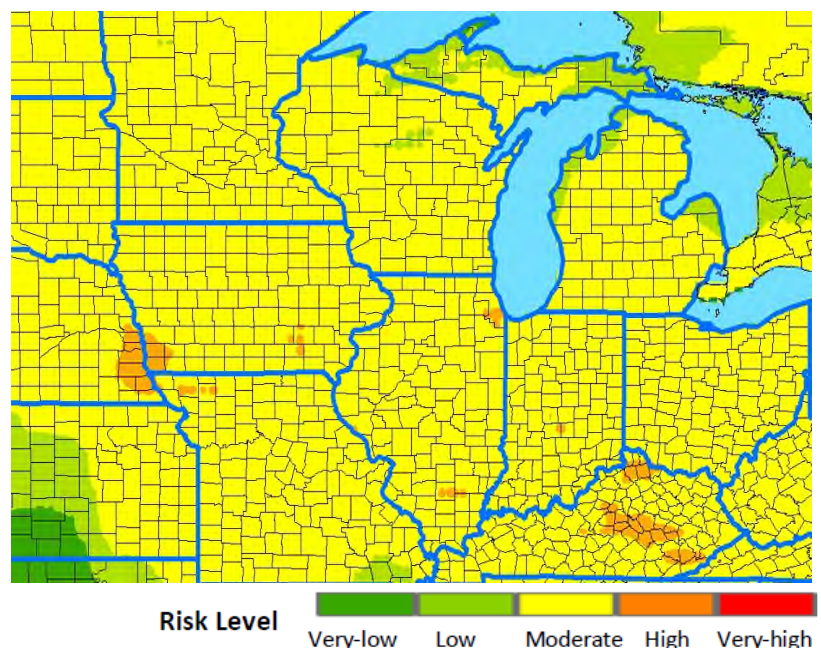
The risk of soybean brown spot is generally moderate across the Corn Belt.

## Next two-week risk interpretation

During the next two weeks the soybean brown spot risk is mostly moderate, as weather conditions are moderately favorable for disease development. Disease expression is likely to stall over the next two weeks, but may reemerge later when the conditions become more favorable.



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                               |

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# Soybean Frogeye Leaf Spot Risk Forecast

For period of July 18 – Aug 16, Date of Issue: July 19, 2020

## One-Month Weather Outlook

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## Frogeye Leaf Spot Risk Summary

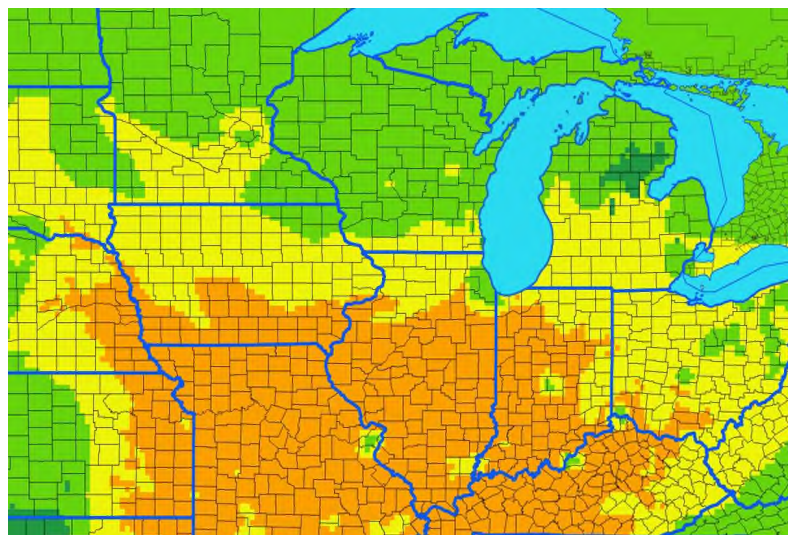
The risk of soybean frogeye leaf spot is high for most areas south of Interstate-80.

## Next two-week risk interpretation

The risk of FLS is high south of I-80 and moderate or low as one goes north. Scout fields that have advanced to pod set and beyond. In areas of orange, weather conditions are conducive and the risk is high for susceptible cultivars. Consider treating susceptible fields if FLS is confirmed or if the fields had severe FLS in past seasons.



## ONE-MONTH RISK MAP



**Risk Level**  
Very-low Low Moderate High

| WHAT TO DO?            |                                                      |
|------------------------|------------------------------------------------------|
| <b>HIGH</b>            | Consider treatment, especially susceptible cultivars |
| <b>MODERATE</b>        | Scout fields and weigh disease risk factors          |
| <b>LOW OR VERY LOW</b> | Monitor risk forecasts                               |

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# Corn Gray Leaf Spot Risk Forecast

For period of July 18 – Aug 16, Date of Issue: July 19, 2020

## One-Month Weather Outlook

Over the next 30 days temperatures will be above normal for the Corn Belt with the exception of SD and western MN. Precipitation amounts will be normal to above normal outside of KS, which will be below normal. During the next two weeks precipitation will decrease from above normal for the entire Corn Belt to normal or dryer for the southwestern areas (south of I-90 and west of I-35).

## Gray Leaf Spot Risk Summary

The risk of gray leaf spot is moderate for most of the Corn Belt.

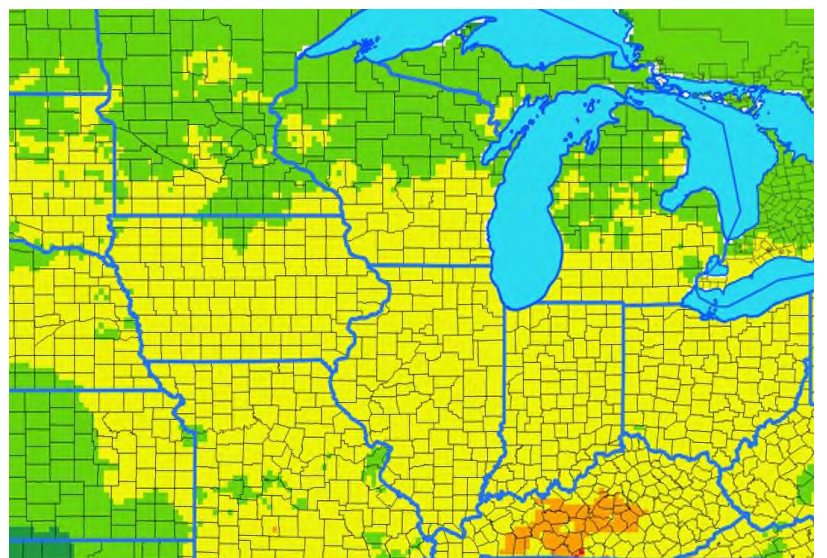
## Next two-week risk interpretation

Conditions during the next two weeks are moderately favorable except for the most northern areas. Infected leaves are likely to be found on the lower and middle corn leaves, especially in spots with heavy crop residue. The risk level can be higher than moderate for susceptible hybrids in fields which are corn-following-corn or had GLS damage previously.

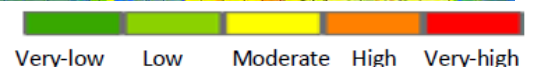


## ONE-MONTH RISK MAP

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



Risk Level



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# Northern Corn Leaf Blight Risk Forecast

For period of July 18 – Aug 16, Date of Issue: July 19, 2020

## One-Month Weather Outlook

Over the next 30 days temperatures will be above normal for the Corn Belt with the exception of SD and western MN. Precipitation amounts will be normal to above normal outside of KS, which will be below normal. During the next two weeks precipitation will decrease from above normal for the entire Corn Belt to normal or dryer for the southwestern areas (south of I-90 and west of I-35).

## Northern Leaf Blight Risk Summary

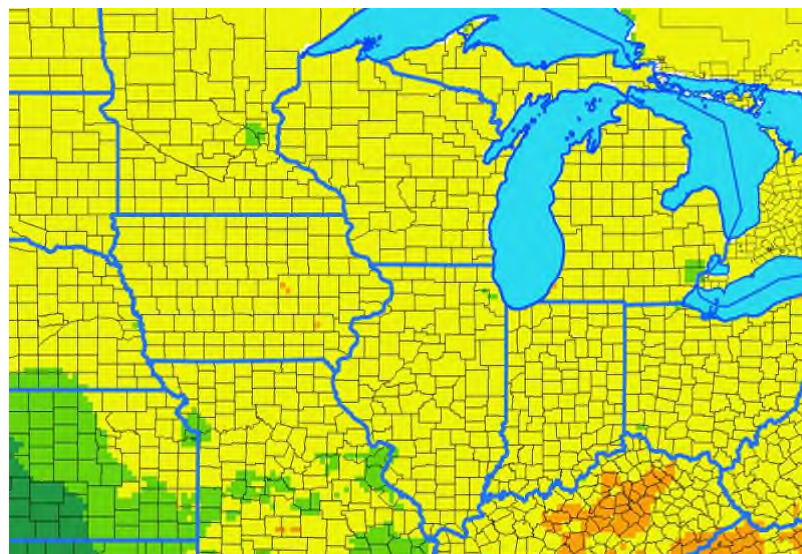
The risk of northern corn leaf blight is moderate for the Corn Belt.

## Next two-week risk interpretation

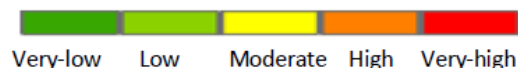
During the next two weeks the NCLB risk is moderate with some areas in Kentucky at high risk. Scout corn fields in areas of yellow, especially late-planted corn. The risk is higher for fields in continuous corn that had NCLB previously.



## ONE-MONTH RISK MAP



Risk Level



## WHAT TO DO?

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| <b>HIGH</b>            | Treat susceptible hybrids and weigh risk factors for other fields |
| <b>MODERATE</b>        | Scout fields and treat as conditions warrant                      |
| <b>LOW OR VERY LOW</b> | Monitor risk forecasts                                            |

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# Corn Southern Rust Risk Forecast

For period of July 18 – Aug 16, Date of Issue: July 19, 2020

## One-Month Weather Outlook

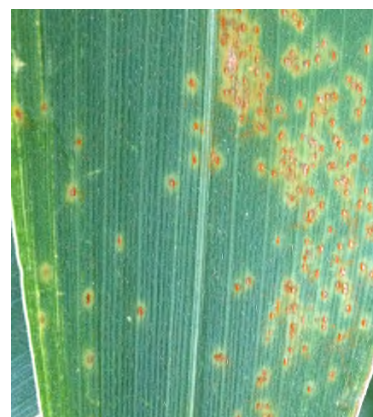
Over the next 30 days temperatures will be above normal for the Corn Belt with the exception of SD and western MN. Precipitation amounts will be normal to above normal outside of KS, which will be below normal. During the next two weeks precipitation will decrease from above normal for the entire Corn Belt to normal or dryer for the southwestern areas (south of I-90 and west of I-35).

## Southern Rust Risk Summary

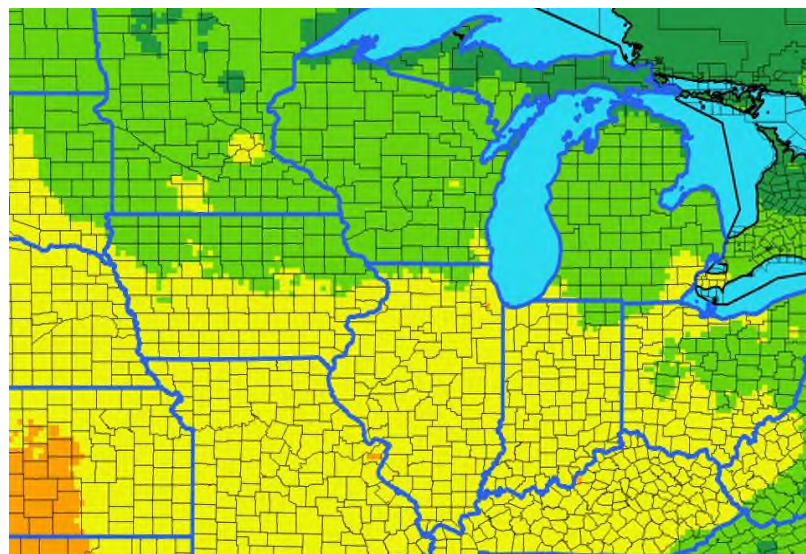
Southern corn rust is spreading into the Corn Belt, posing a moderate risk to areas south of I-80.

## Next 2-week risk interpretation

Weather conditions are moderately favorable for the occurrence of southern rust south of I-80 (yellow). Consider spraying if SCR is detected or reported nearby. Early infections can result in high levels of leaf damage by the end of the season.



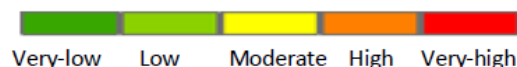
## ONE-MONTH RISK MAP



## WHAT TO DO?

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| <b>HIGH</b>            | Treat susceptible hybrids and weigh risk factors for other fields |
| <b>MODERATE</b>        | Scout fields and treat as conditions warrant                      |
| <b>LOW OR VERY LOW</b> | Monitor risk forecasts                                            |

## Risk Level



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# Corn Common Rust Risk Forecast

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## One-Month Weather Outlook

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## Common Rust Risk Summary

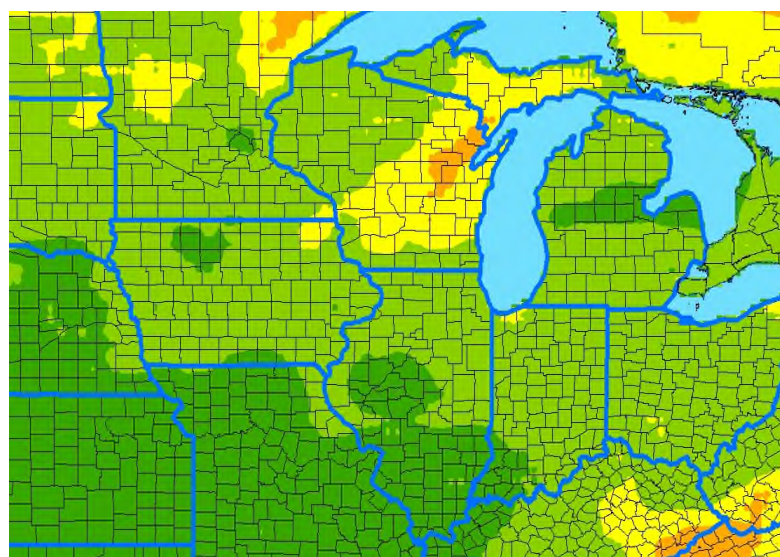
The risk of corn common rust is becoming less likely to drive the decision on fungicide applications.

## Risk interpretation

The risk of corn common rust is low for most of the Corn Belt with some areas being moderate or higher. Decreases in CCR is expected as temperatures increase.



## ONE-MONTH RISK MAP



**Risk Level**

|          |     |          |      |           |
|----------|-----|----------|------|-----------|
| Very-low | Low | Moderate | High | Very-high |
|----------|-----|----------|------|-----------|

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

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# Corn Tar Spot Risk Forecast

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## One-Month Weather Outlook

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## Corn Tar Spot Risk Summary

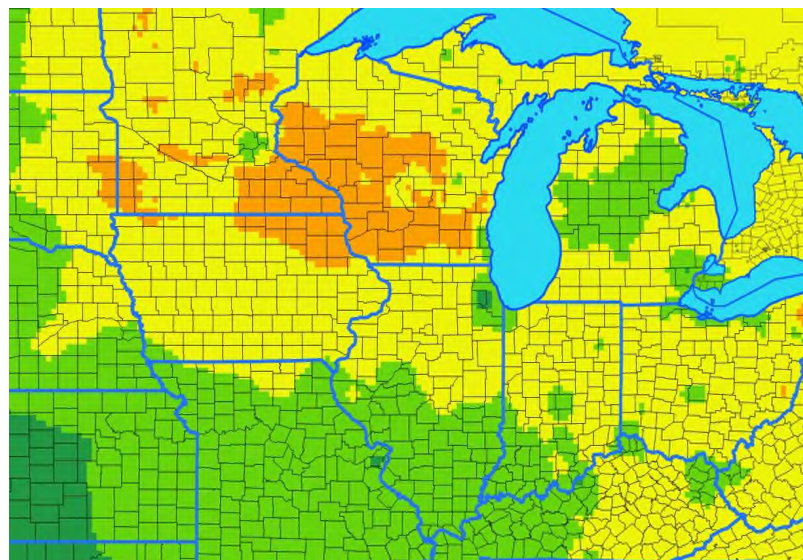
The risk of corn tar spot has increased to high for some areas, especially where infections had been seen in past seasons.

## Next two-week risk interpretation

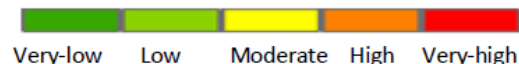
In areas of orange, the risk is high for fields which had tar spot previously. Spray if tar spot is found. Scouting fields is highly recommended in yellow and orange areas. In fields with irrigation, the risk is higher than what is mapped.



## ONE-MONTH RISK MAP



Risk Level



## WHAT TO DO?

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| <b>HIGH</b>            | Treat at the first sign of infection in your fields or the disease is developing in neighboring fields |
| <b>MODERATE</b>        | Scout fields and treat as conditions warrant                                                           |
| <b>LOW OR VERY LOW</b> | Monitor risk forecasts                                                                                 |

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