

## Crop Scouting Update: June 3, 2024

**Weather Station** According to the Lamar Weather Station, the temperature reached a low of 66.6°F and a high of 72.9°F. Lamar received a total of 0 inches of rain between 5/28/24 and 6/2/24. Scattered Thunderstorms are so far forecasted for Monday (6/3/24), Tuesday (6/4/24), Saturday (6/8/24) and Sunday (6/9/24).



## Wheat

Wheat field that was checked today was in full harvest color and wheat seed was in the ripening stage hard to almost full maturity feeling, though some kernels still had enough moisture to be smashed between fingers. When harvesting wheat make sure to make considerations about Fusarium Head Blight and other head diseases since many fields are infected in the region due to the abundance of rainfall.

## Corn

A corn field was checked near Golden City on the southwest side of Barton County. Corn was around 20 to 30 inches tall, though could be shorter in low areas. Several plants were noticed to have insect damage, though no insects were seen on the corn plants. Some areas had multiple plants damaged in a row. Suspect armyworm damage. A farmer in Jasper County asked another agronomist about some spots seen on their corn plants. These small tan oval shaped spots are called **Holcus Spot on Corn** which is caused by the bacterium *Pseudomonas syringae* pv. *Syringae*. This disease is associated with high winds, thunderstorms, and hail damage. It favors prolonged wet weather with warm temperatures between 76-86 degrees F. This disease is not considered very damaging and can be managed with crop rotation and tillage. Pictures submitted by Agronomist Tim Schnakenberg. Holcus spot was also noted on some of the corn plants at the Golden City location, very minimal.



**Armyworm Damage**



**Holcus Spot on corn**

## **Soybeans**

A University of Missouri soybean variety trial was planted on Saturday June 1 near Carthage, Missouri. I plan to host a soybean tour of this variety trial sometime this fall if all goes well. Keep an eye out for announcements in the future.

## **Wheat Harvest, Drying and Storage**

[https://extension.missouri.edu/media/wysiwyg/Extensiondata/Pub/pdf/agguides/pests/ipm1022\\_Pp33-37.pdf](https://extension.missouri.edu/media/wysiwyg/Extensiondata/Pub/pdf/agguides/pests/ipm1022_Pp33-37.pdf)

## **Scouting for Fusarium Head Blight (FHB) and Harvest Considerations**

<https://extension.missouri.edu/publications/g4351>

## **Wheat harvest: Identifying disease problems and setting harvest priorities**

[https://eupdate.agronomy.ksu.edu/eu\\_article\\_prep.php?article\\_id=3479](https://eupdate.agronomy.ksu.edu/eu_article_prep.php?article_id=3479)

## **Managing the Armyworm Complex in Missouri Field Crops**

<https://extension.missouri.edu/publications/g7115>

## **Holcus spot on corn** University of Minnesota

<https://extension.umn.edu/corn-pest-management/holcus-spot-corn>

## **Holcus Leaf Spot of Corn** University of Kentucky

<https://plantpathology.ca.uky.edu/files/ppfs-ag-c-06.pdf>

## **Corn INSECT PEST MANAGEMENT 2024 K-State**

[https://bookstore.ksre.ksu.edu/download/corn-insect-pest-management-2024\\_MF810](https://bookstore.ksre.ksu.edu/download/corn-insect-pest-management-2024_MF810)

## **Best Management Practices for Nitrogen Fertilizer in Missouri**

<https://extension.missouri.edu/publications/ipm1027>

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