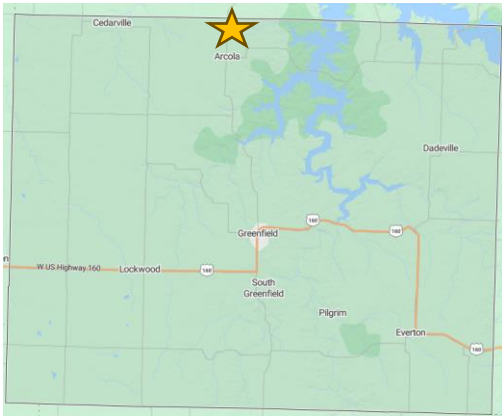


Crop Scouting Update: June 17, 2024

Weather Station According to the Lamar Weather Station, the temperature reached a low of 71.6°F and a high of 88.6°F with humidity between 51-74%. Lamar received a total of 0 inches of rain between 6/10/24 and 6/17/24. Weather is forecasted to be in the high 80s to mid 90's. Scattered thunderstorms are not forecasted till possibly the middle of next week.



Crop fields that were checked this week were located near Arcola, MO in Dade County.

Wheat

Wheat is beginning to be harvested in some areas.

Soybeans

The soybean field scouted was in the V1 growth stage. There was one area of the field where a rainfall had washed out soybeans causing reduced stand, but the farmer reported this is common in this area of the field. Overall soybeans looked good at this time. A few weeds were noted like morning glories, but not in significant numbers at this time.



Soybeans V1 stage



Washed out area of field



morning glory

Corn Corn was around 72 inches tall, though shorter areas were around 46 inches tall in low areas. Some rectangular shaped leaf streaking was noticed on the lower or middle leaves of multiple corn plants and more noticeable symptoms near the field edge. Some leaves had rectangular shaped holes. At this time, gray leaf spot, flea beetle damage or another fungal or bacterial issue is suspected and will be further investigated using the plant diagnostic clinic. Flea beetles can transmit a bacterial disease called Stewart's wilt to corn.



Gray leaf spot on corn -University of Minnesota

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

Gray Leaf Spot of Corn-University of Nebraska

<https://extensionpubs.unl.edu/publication/g1902/pdf/view/g1902-2008.pdf>

Corn Diseases and Nematodes

<https://www.uaex.uada.edu/publications/pdf/mp437/chapter7corn.pdf>

FLEA BEETLES K-State

https://bookstore.ksre.ksu.edu/pubs/flea-beetle-kansas-crop-pests_MF2832.pdf

Stewart's Wilt of Corn- University of Kentucky

<https://plantpathology.ca.uky.edu/files/ppfs-ag-c-04.pdf>

Japanese Beetle Alert Around 600 Japanese Beetles were captured in the Barton County Japanese Beetle Trap. This triggered an alert. Beetle captures in a pheromone trap do not indicate that treatment is necessary, but indicates that fields should be scouted.

<https://extension.missouri.edu/publications/g7412> <https://ipm.missouri.edu/pestmonitoring/jb/identification.cfm>

<https://ipm.missouri.edu/pestMonitoring/>

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