

Crop Scouting Update: June 10, 2024

Weather Station According to the Lamar Weather Station, the temperature reached a low of 56.6°F and a high of 80.0°F. Lamar received a total of 3.92 inches of rain between 6/3/24 and 6/9/24. Weather forecast is calling for sunny weather most of the week with temperatures reaching into the mid 80 to 90°F. Thunderstorms forecasted to start around June 19-21.



Crop fields that were checked this week were on the Northeast side of Jasper County.

Wheat

The wheat field that was checked today was in full harvest color and wheat seed was in the ripening stage, but seed could still be split with a finger nail. Hopefully this coming week of warm, sunny weather will help finish drying out the grain soon. Some fields are already being harvested. 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

The corn field check this week was between 36 to 62 inches tall. Other than the uneven height difference, plants look healthy. Very little disease issues were noted at this time. A few plants had one or two common rust pustules on them, but most plants looked rust free at this time. Two random plants were noticed with smut growing on the stocks, but these plants also had previous insect damage. Very little insect damage was noted. Overall, field looked good at this time.



Corn Smut



Common Rust



Japanese Beetle on corn

Soybeans The soybean field that was scouted this week was in V6 growth stage. Plants were around 10 inches tall. Leaf damage/defoliation was noticed on large portion of the plants in this field. This damage could have been caused by hail or wind damage from recent storms and/or potentially some insect damage. After using a sweep net, a few green cloverworms were also captured. This damage was reported to the farmer. I suggest farmers scout their early planted soybean fields for hail damage, green cloverworms and other soybean defoliating insects.



damage on soybeans



Green cloverworm

How might soybean yield be affected by hail damage?

<https://farmdoc.illinois.edu/field-crop-production/uncategorized/3668.html>

Keep an Eye out for Soybean Defoliators (Iowa State)

<https://crops.extension.iastate.edu/cropnews/2023/07/keep-eye-out-soybean-defoliators>

Soybean INSECT PEST MANAGEMENT 2024 (K-State)

https://bookstore.ksre.ksu.edu/download/soybean-insect-pest-management-2024_MF743

Japanese Beetle Alert Around 100 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/>

Common smut on corn <https://extension.umn.edu/corn-pest-management/common-smut-corn>

Corn Rust Identification and Management in Kansas

<https://www.sunflower.k-state.edu/agronomy/corn/docs/Rusts%20in%20Corn.pdf>

Micah Doubledee

Field Specialist in Agronomy

MU Extension in Barton County

801 East 12th Street Lamar, MO 64759

mdoubledee@missouri.edu 417-682-3579

Join Weekly Crop Scouting Program <https://extension.missouri.edu/events/weekly-crop-scouting-update>