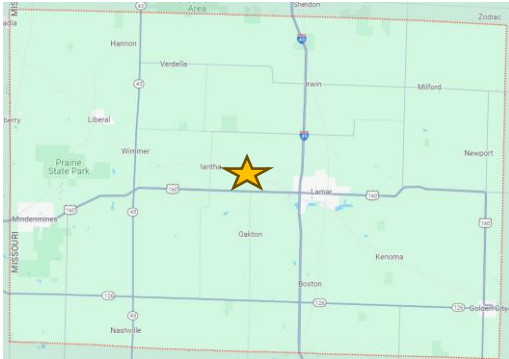


Crop Scouting Update: May 29, 2024

Weather Station According to the Lamar Weather Station, the temperature reached a low of 58.9°F and a high of 81.9 °F. Lamar received a total of 2.76 inches of rain between 5/20/24 and 5/28/24. Most of this rainfall came from a late night severe storm Saturday (5/25/24 evening/Sunday 5/26/24 morning (1.66 inches) with strong winds.



Wheat

Wheat fields that were scouted were the same fields as the previous week in order to collect fusarium head blight samples for University research. Wheat fields have turned harvest color and kernel is in hard dough stage. Scouting was limited due to time and stage of development. Areas of lodging have been noticed in several fields in the county. Also, a wheat field was scouted in Jasper County because of concerns about a weed issue. Field had Italian ryegrass (annual ryegrass) growing in it. Italian ryegrass (annual ryegrass) is a popular forage crop that can become a problematic weed in crop fields especially wheat. Planting ryegrass as a forage crop should be avoided if crop fields are nearby, make sure to plant clean weed-free seed, and tractors/equipment should be cleaned to avoid spreading seeds to unwanted areas.



ryegrass in wheat

Corn

Two corn fields were checked near the middle of Barton County. Corn was around 31 to 36 inches tall, though could be shorter in low areas. The corn fields that were scouted today appeared more consistent in height and more lush green than previous weeks corn field which was indicating nitrogen stress in those fields. Some plants were noticed to have insect damage, though no insects were seen, and damage seemed random. Suspect armyworm damage. Many leaves were noticed with tears possibly caused by wind or hail damage from a previous event, but no noticeable damage to whorls, just minor leaf damage. Overall, the corn fields that were scouted this week are looking good despite the recent weather challenges of the past month.



Insect Damage (Armyworm?)



wind or hail damage?

Leaf ripping due to possible wind or hail.

Herbicide Programs for Italian Ryegrass Control in Winter Wheat

<https://extension.okstate.edu/fact-sheets/print-publications/pss/herbicide-programs-for-italian-ryegrass-control-in-winter-wheat-pss-2791.pdf>

Managing the Armyworm Complex in Missouri Field Crops

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

Corn INSECT PEST MANAGEMENT 2024 K-State

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