Test for Mycotoxin in wheat; Japanese Beetles seen in corn

Jill Scheidt, agronomy specialist with University of Missouri Extension, scouted fields near Arcola in Dade County and northwest of Iantha in Barton County on July 1.

Wheat Report
Scheidt recommends adjusting combine settings to throw out small, shriveled wheat seed affected by Fusarium head scab.

“Test wheat for mycotoxins by taking multiple probes throughout the load as there are “hot spots” where mycotoxins are present and other places where there is none. There are no effective in-the-bin fungicide treatments to slow Fusarium growth, so harvest at 12% or less moisture”, said Scheidt.

Scheidt also observed sprouting seed in wheat and recommends harvesting as quickly as possible to avoid further progression of sprouts.

Corn Report
Scheidt observed corn that was 2 leaves from tasseling up to the silk stage.

“A few Japanese beetle were seen, but not enough to warrant treatment”, said Scheidt. Threshold for Japanese beetles in corn is when there are 3 beetles per ear, clipping the silks to less than ½”. “Usually it is not economical to treat for Japanese beetle because they usually only feed on the edges, so check further into the field before applying an insecticide. Japanese beetles come in flights, so complete control would require multiple insecticide applications”, said Scheidt.

Soybean Report
Scheidt observed emerging soybeans to soybeans in the 3rd trifoliate stage. According to a small 2-year study by Bill Wiebold, University of Missouri plant sciences, in Columbia, Missouri shows soybean yield potential is reduced 47% when planted after July 6. “Narrow rows have better yield compared to wider rows, but soybean yield still averaged 30 bushels per acre when planted after mid-July in this 2 year study”, said Wiebold. “Soybean yield is protected from frost if the plants have reached physiological maturity. To determine chances for a fall frost in your area, visit the frost freeze guide on MU Extension’s website”, said Scheidt.

Late planted soybeans: http://ipm.missouri.edu/IPCM/2015/6/What-to-Expect-from-Ultra-Late-Planted-Soybean/
Frost Freeze Guide: http://ipm.missouri.edu/FrostFreezeGuide/index.cfm

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