Soybean seeding rates, Nitrogen deficient corn, Head diseases in wheat

Jill Scheidt, agronomy specialist with University of Missouri Extension, scouted fields near Arcola in Dade County and near Verdella in Barton County on June 10.

Soybeans
According to MU Extension guide 4410, soybean seeding rate is recommended as follows: 30 inch row-140,000 seeds per acre, 15 inch rows-175,000 seeds per acre and 7.5 inch rows-200,000 seeds per acre. http://extension.missouri.edu/p/G4410

Corn
Scheidt observed nitrogen deficient corn in the 4-5 leaf stage. “If corn does not begin to green after 5-7 days of dry weather, is it likely additional nitrogen is needed,” said Scheidt.

Visit the “Nitrogen Watch” website to view likelihood of the need to add additional nitrogen to your field. According to the Nitrogen Watch website, currently southwest Missouri is likely to have nitrogen loss and deficiency and additional nitrogen applications are likely.

Wheat
Scheidt observed wheat in the soft dough stage.

“If Fusarium, stagnospora glume blotch and sooty head molds are still being seen,” said Scheidt.
Fusarium is identified by a pinkish fungus on kernels, stagnospora glume blotch is identified by dark brown to purple lesions on kernels and sooty head mold is identified by black mold growth on kernels. Generally, treatment of sooty head mold is not needed. Fusarium and stagnospora glume blotch must be treated for prior to physical signs on kernels.

Fusarium – sooty head mold in wheat

More Information
The weekly field scouting report is sponsored by University of Missouri and Barton County Extension. For more information on the scouting report, or to learn how to receive the information earlier by telephone, contact the Barton County Extension Center at (417) 682-3579.