Look for Nitrogen deficiency in corn

Jill Scheidt, agronomy specialist with University of Missouri Extension, scouted fields near Arcola in Dade County and three miles south on Hwy. O, west of Lamar in Barton County on June 3.

**Wheat**
“Wheat is entering the soft dough stage and beginning to turn. Fusarium head scab is still being seen as a result of warm, humid weather during flowering,” said Scheidt. There are no post-fungicide applications for Fusarium head scab.

“Armyworms and head clipping are still being seen, but larvae are two inches in length and near the end of their life cycle,” said Scheidt. Scheidt does not recommend an insecticide application at this point due to 30-day harvest intervals in most insecticides. “Dead, shriveled armyworms on the tips of the heads are due to a fungus that comes in, infects and kills larvae,” said Scheidt.

**Corn**
According to Bill Wiebold, plant science with MU Extension, planting corn later than June 4, can result in a potential 24 percent yield loss.

Scheidt still reports temporary nutrient deficiencies in corn due to water saturated soils. “Nitrogen deficiencies in corn may or may not be temporary. If plants begin to green up after a week of warm weather with no rain, the need to apply additional nitrogen is unlikely,” said Scheidt. Visit the Nitrogen Watch website to see if it is likely your soils have lost nitrogen.

Currently, most of southwest Missouri is forecasted as likely to need additional nitrogen if wet weather continues or if areas have more than 17 inches of rain.

Water hemp in corn fields should be treated with an herbicide before weeds reach four inches in height or diameter. “Halex GT has been approved by Missouri Department of Agriculture for aerial application in Missouri due to wet conditions. Halex GT can be used postemergence on Roundup Ready corn,” said Scheidt.

**Young water hemp**

**Soybeans**
“Some soybeans are showing nitrogen deficiency. This could be a temporary deficiency due to rain. Planting soybeans later than June 10 could result in a one bushel per acre per week yield loss,” said Scheidt.

**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.