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Crop Update

Who would have guessed that July would be cool and wet? In my home rain gauge, I have over 7 inches of rain for the month. The corn is tasseling, the soybeans are flowering, and there are relatively few insects in the fields. Weeds have been controlled and diseases are, at present, low levels.

Time for vacation, right? Nope, time to scout fields. Soybean aphids still have the potential to gain numbers and foliar diseases in both corn and soybeans can become problematic here in the next couple of weeks. Effectiveness and response to fungicides and insecticides depends greatly on the presence of the pest and application timing.

Potato Leaf Hoppers are in Alfalfa

Potato leaf hoppers have been found in the alfalfa stands. Make sure you manage this pest because if you don't alfalfa yields will be affected. Treatment thresholds range greatly depending on alfalfa height and cost of control. View for more detail on [potato leaf hoppers](#).

Corn Field Guides Available

Iowa State University has just released a new field guide... Corn Field Guide. This field guide has great information and very descriptive pictures ranging from insects, diseases, growth stages, herbicide injury, and nutrient deficiencies. You can order these from the [Extension Online Store](#) or go to your local Extension office.

ICM News Must Read Articles

Here is a link to an [ICM News](#) article that I feel is a must read.

- [Considerations for Soybean Insecticides and Fungicides.](#)
- [Time to Sample for Corn Nematodes](#)
- [Scouting Foliar Diseases in a Cool Summer](#)

Root Lodging and Green Snap

All the rain in the last couple of weeks has brought some wind with it. The combined with rapid growth and saturated conditions has brought some root lodging and green snap into the area. From what I can tell both have been minor in West Central Iowa, but more several to the north and south. Here are too good sources of information to determine damage losses.

- [Mid- to late-season lodging](#)
- [Storm induced breakage](#)

Upper Midwest Manure Handling Expo

The Upper Midwest Manure Handling Expo is scheduled for July 22 at the Central Iowa Expo site between Ames and Boone. This expo will be a great opportunity to see many different kinds of liquid and dry manure application equipment. The expo will include educational sessions, exhibitors, and field demonstrations as well as a spill response demonstration. There is no fee to attend the expo, however parking is \$5 per vehicle. A complete list of expo activities and maps can be accessed at: http://www.ag.iastate.edu/wastemgmt/expo_home.htm.

Yellow Soybeans

Iron deficiency chlorosis has shown up in the last couple of weeks. This can be compounded by root rot, soybean cyst nematode, and soil drainage factors. Iron deficiency chlorosis is defined by;

- newest leaves affected
- leaves turn yellow and veins remain green
- any amount of yellowing will cause yield reduction
- the longer the yellow period the greater the yield loss

