

CROP NOTES for June 19, 2009 – Hail Injury

Past issues of Crop Notes are posted at:

<http://www.extension.iastate.edu/winneshiek/info/crops.htm>

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HAIL INJURY

Last night significant hail damage occurred in Chickasaw and Howard County, and maybe others.

Hail assessment guidelines and resources include:

Corn

1) Best to wait 7 to 10 days after a hail storm to assess injury. By that time, re-growth of living plants will have begun and discolored dead tissue will be apparent.

2) Publication NCH-1 from the National Corn Handbook:

<http://www.ces.purdue.edu/extmedia/NCH/NCH-1.html>

A more complete discussion on hail is found at the Purdue web site:

<http://www.agry.purdue.edu/ext/corn/news/articles.06/HailDamage-0607.html>

which is referenced from ISU's Corn Page:

<http://www.agronext.iastate.edu/corn/production/management/early/>

3) Corn Planting Guide, PM-1885, Table 7 gives replant guidelines for corn grain. While not really an option in late June, if a field was devastated, those that can use silage/green-chop might still consider it. This table and publication is referenced under ISU's Corn Page:

<http://www.agronext.iastate.edu/corn/production/management/planting/lose.html>

4) And, of course, you need to consider herbicides used to replant to a different crop.

Soybeans

1) Best to wait 7 to 10 days after a hail storm to assess injury. By that time, re-growth of living plants will have begun and discolored dead

2) Hail damage assessment is more difficult than for corn. Insurance companies have formulas and tables for defoliation, population, cut stems and stem bruising. Some general guidelines are at:

http://www.extension.iastate.edu/nwcrops/hail_soybean.htm

3) "Soybean Replant Decision" information in PM-1851, linked at:

<http://extension.agron.iastate.edu/soybean/topicpage1.html>

under the heading "Planting and Tillage".

4) Being that most of the hail was close to Minnesota, I included this link to University of Minnesota on interpreting hail injury to soybeans in June.

<http://www.extension.umn.edu/extensionnews/2008/haildamageinsoybeans.html>

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