

8-30-2009

Degree Days - Cool July With Good Crop Conditions

Richard O. Pope

Iowa State University, ropope@iastate.edu

Follow this and additional works at: <http://lib.dr.iastate.edu/cropnews>



Part of the [Agricultural Science Commons](#), [Agriculture Commons](#), [Agronomy and Crop Sciences Commons](#), and the [Meteorology Commons](#)

Recommended Citation

Pope, Richard O., "Degree Days - Cool July With Good Crop Conditions" (2009). *Integrated Crop Management News*. 577.
<http://lib.dr.iastate.edu/cropnews/577>

The Iowa State University Digital Repository provides access to Integrated Crop Management News for historical purposes only. Users are hereby notified that the content may be inaccurate, out of date, incomplete and/or may not meet the needs and requirements of the user. Users should make their own assessment of the information and whether it is suitable for their intended purpose. For current information on integrated crop management from Iowa State University Extension and Outreach, please visit <https://crops.extension.iastate.edu/>.

Degree Days - Cool July With Good Crop Conditions

Abstract

Iowa corn is tasselling and silking this week. We think of the silk date as a marker for the final 60 to 65 days in which the corn reaches physiological maturity. That means we might expect dry down to extend into October across the state. Soybeans are setting pods, and with timely August rainfall, pods should fill nicely. Last week we lost approximately 50 degree days to average across Iowa, making July 2009 as one of the ten coolest in history.

Keywords

Plant Pathology

Disciplines

Agricultural Science | Agriculture | Agronomy and Crop Sciences | Meteorology

search

Subscribe to Crop News

Archives

2015

2014

2013

2012

2011

2010

2009

2008

Previous Years

ISU Crop Resources

Extension Field Agronomists

Crop & Soils Info

Pesticide Applicator Training

Agronomy Extension

Entomology Extension

Plant Pathology Extension

Ag and Biosystems Engineering Extension

Agribusiness Education Program

Iowa Grain Quality Initiative

College of Agriculture and Life Sciences

ISU Extension

Integrated Crop Management NEWS

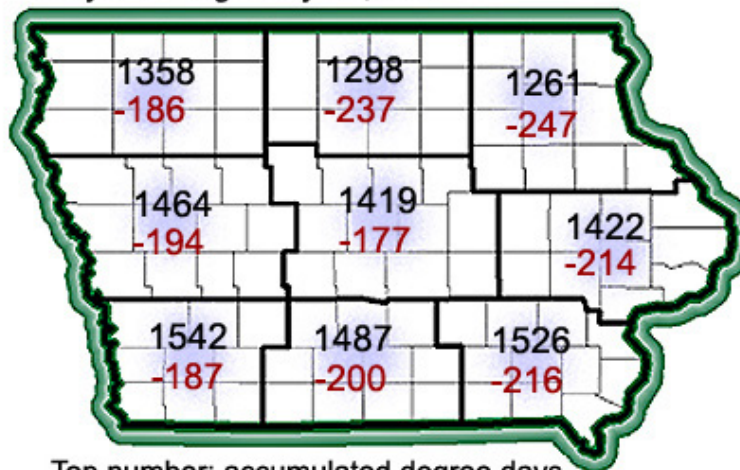
-  PRINT STORY
-  EMAIL STORY
-  ADD TO DELICIOUS
-  ATOM FEED
-  FOLLOW ON TWITTER

Degree Days - Cool July With Good Crop Conditions

By Rich Pope, Department of Plant Pathology

Iowa corn is tasselling and silking this week. We think of the silk date as a marker for the final 60 to 65 days in which the corn reaches physiological maturity. That means we might expect dry down to extend into October across the state. Soybeans are setting pods, and with timely August rainfall, pods should fill nicely. Last week we lost approximately 50 degree days to average across Iowa, making July 2009 as one of the ten coolest in history.

Base 50°F degree days
May 1 through July 26, 2009



Top number: accumulated degree days
Bottom number: departure from average

Scouting for pests now has the potential to influence yield profits. Soybean aphids are present in many areas, particularly central and northern Iowa, but most populations are below the economic threshold. Corn diseases like eyespot (especially in north central and central Iowa) and gray leaf spot (especially in southwest and south central Iowa) should be monitored. For soybean, we are seeing a few fields with sudden death syndrome symptoms being expressed.

Rich Pope is a program specialist with responsibilities with Integrated Pest Management. Pope can be contacted by email at ropope@iastate.edu or by calling (515) 294-5899.

Links to this material are strongly encouraged. This article may be republished without further permission if it is published as written and includes credit to the author, Integrated Crop Management News and Iowa State University Extension. Prior permission from the author is required if this article is republished in any other manner.

Copyright ©2015 [Iowa State University Extension](#) | [Iowa State University](#)
[Contact us](#) | [For Staff](#) | [Nondiscrimination and Information Disclosures](#) | [CMS Admin](#)
Last Updated 7/28/2009