2011

Insects and Disease Update

Mark A. Licht
Iowa State University, lichtma@iastate.edu

Joel L. DeJong
Iowa State University, jldejong@iastate.edu

Wayne B. Roush
Iowa State University, wroush@iastate.edu

Follow this and additional works at: http://lib.dr.iastate.edu/farms_reports

Part of the Agricultural Science Commons, Agriculture Commons, and the Agronomy and Crop Sciences Commons

Recommended Citation
Licht, Mark A.; DeJong, Joel L.; and Roush, Wayne B., "Insects and Disease Update" (2011). Iowa State Research Farm Progress Reports. 293.
http://lib.dr.iastate.edu/farms_reports/293

This report is brought to you for free and open access by Iowa State University Digital Repository. It has been accepted for inclusion in Iowa State Research Farm Progress Reports by an authorized administrator of Iowa State University Digital Repository. For more information, please contact digirep@iastate.edu.
Insects and Disease Update

Abstract
Includes updates on Black Cutworm, Western Bean Cutworm and Soybean Aphids.

Keywords
RFR A1058

Disciplines
Agricultural Science | Agriculture | Agronomy and Crop Sciences
Insects and Disease Update

RFR-A1058
Mark Licht, field agronomist
Joel DeJong, field agronomist
ISU Extension
Wayne Roush, superintendent

Black Cutworm
Black cutworms are an occasional pest of seedling corn that can cause significant damage. Moth flights are used to anticipate when cutting from black cutworms would begin and therefore predict when scouting should begin. Cutting dates are projected to occur at about 300 accumulated degree days (base 51°F) from a peak flight. A pheromone trap was placed at the research farm in 2010. The peak flight of 13 moths occurred on April 17. There was occasional cutting damage in western Iowa, but nothing widespread.

Western Bean Cutworm
Western bean cutworm is a late-season pest that can cause tremendous damage to corn ears. Unlike past years, western bean cutworm moth counts were not taken at the farm. But trap data from other west central Iowa counties indicate low moth flights for the 2010 growing season. Based on growing degree units and moth captures field scouting was advised after July 12.

Soybean Aphids
In 2010, soybean aphids were not the problem they had been in 2007, 2008, and 2009. In 2010 very few acres had enough soybean aphids to warrant an insecticide application.