Insects slowing down in Soybeans

Jill Scheidt, agronomy specialist with University of Missouri Extension, scouted fields west of Lockwood and northwest of Golden City for the Sept. 6 crop scouting update.

Printed reports are sent out one week after the report to allow subscribers to phoned reports the full benefit of their subscriptions. Barton County MU Extension sponsors the field scouting report. 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.

Soybean Report
Soybeans ranged from the beginning bloom to seed development stage.

Scheidt observed little to no podworm feeding. “I saw a few dead, podworm mummies. Podworm populations are likely declining, but fields that have not reached the full seed stage should be scouted for a few more weeks,” said Scheidt.

Scheidt observed no diseases.

According to a research study done in Japan comparing varieties for cold tolerance, cool weather and cloudy conditions during bloom can reduce pod set or result in less pod fill. The test conducted ten days of shading and cooling treatments at temperatures around 50 degrees Fahrenheit. Shading did not affect maturity date, but if cooling and shading were both components, maturity was delayed up to 20 days. When shading and cooling treatments were both combined, seed weight, seeds per pod and pods per plant were all reduced when compared to plants that received ideal temperatures and sunlight. Plants that received cooling and shading treatments during the vegetative stages did not show a significant difference in yield.

http://www.tandfonline.com/doi/pdf/10.1626/pps.6.17