



# WHICH STEM DISEASES AND INSECTS SHOULD I BE CONCERNED ABOUT IN MY SOYBEAN FIELDS?

INFORMATIONAL SHEET

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## SOYBEAN STEM PESTS: SURVEY, IMPACT AND EDUCATION

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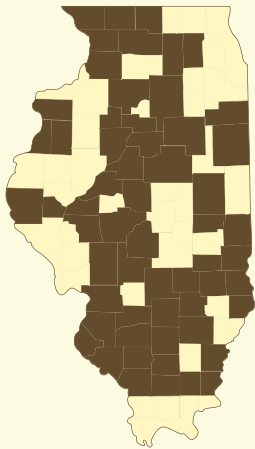
### PROJECT SUMMARY

Continuing work already underway across Illinois' soybean fields, this project aims to identify new and emerging stem disease and insect pests that negatively impact soybean production and yield. Pests of particular concern include dectes stem borer, soybean gall midge, red crown rot and stem canker. Researchers will use the insights to prioritize future research that will help determine best management practices.

### WHY THIS RESEARCH IS IMPORTANT

- ⚠ Not all soybean stem pests and diseases are well documented throughout the state, nor are their symptomology, yield impact, alternative hosts and conducive conditions well understood.
- ⚠ This multi-year research project is using a combination of approaches to assess perceived and actual occurrence and impact throughout the state. Grower surveys are helping gauge presence and population levels of stem pests and diseases. Samples are being collected from fields and evaluated within a lab environment to accurately identify pests and pathogens, as well as document symptoms.

### TRIAL LOCATIONS



### HOW THIS RESEARCH BENEFITS THE FARMER

- 🎯 This project will inform farmers of the most prevalent pathogens and insect pests impacting soybean production fields across Illinois. It will also identify potential management, environmental and geographic factors that affect their incidence and distribution.
- 🎯 By better understanding these pathogens and pests and the factors that affect their incidence, researchers and Illinois Extension staff can help farmers identify management practices that may minimize the impact of these pathogens and pests on yield.



### CHECK OUT FIELD ADVISOR!

See updates and learn more about this project, the research team and other projects at [FieldAdvisor.org](https://FieldAdvisor.org).

Contact the ISA agronomy team: [agronomy-team@ilsoy.org](mailto:agronomy-team@ilsoy.org).

