

# ASSESSING THE IMPACT OF COVER CROPS ON SCN POPULATIONS IN FIELD CONDITIONS



## DR. JASON BOND

*Professor of Plant Pathology, Southern Illinois University*

☎ 618-453-4309

✉ [jbond@siu.edu](mailto:jbond@siu.edu)

The Director of the Illinois Soybean Center at SIUC, Dr. Bond's research and teaching program focuses on disease management in Midwestern row crops. He also serves as the advisor for the Agronomy Society, which provides leadership and professional development opportunities for undergraduate and graduate students. Dr. Bond earned his PhD at Louisiana State University (LSU) and still watches LSU football but gets so nervous he plans activities during the game so he can escape if it takes a turn for the worse. He's also a fan of Saluki Athletics and enjoys following the rivalry between the Cubs and Cardinals.

### ADDITIONAL RESEARCHERS

- **Dr. Ahmad Fakhoury**, *Professor of Plant Pathology, Southern Illinois University*
- **Leonardo Rocha**, *PhD, Southern Illinois University*
- **John Pike**, *Agronomist/Consultant, Pike Ag, LLC*
- **Terry Wyciskalla**, *Agronomist/Consultant, Wyciskalla Consulting*

### TRIAL LOCATIONS

- Statewide with emphasis on **Southern Illinois**

## QUESTIONS THIS PROJECT WILL ADDRESS

- ❓ How do different cover crops impact soybean cyst nematode (SCN) populations?
- ❓ Could certain cover crops be used to suppress SCN populations?



### YOUR ISA AGRONOMY TEAM CONTACT

Jennifer Jones

☎ 217.251.1276

✉ [jennifer.jones@ilsoy.org](mailto:jennifer.jones@ilsoy.org)

**ILSOY**  
**ADVISOR**

## WHY ARE YOU DOING THIS RESEARCH

- ⓘ There are numerous types of cover crops that could fit into cropping systems across the diverse Illinois landscape. However, little is known about how the various species and varieties of cover crops influence population densities of SCN.
- ⓘ This research project will investigate how SCN responds to different cover crops to provide additional guidance to farmers seeking to manage SCN populations.

## GOALS OF THIS RESEARCH

- 🎯 Farmers who experience heavy or difficult-to-manage SCN populations can incorporate cover crops in their management practices. Researchers also hope to identify which soil microbes are linked to SCN suppression as another management option.

**ILSOY  
ADVISOR**

### Check Out [ILSoyAdvisor.com!](https://ilsoyadvisor.com)

ILSoyAdvisor is your go-to source for expert agronomic and management advice for Illinois soybean production. Funded by the Illinois Soybean Association checkoff program, ILSoyAdvisor provides the latest education, resources, webinars, success stories, and more so you can maximize your operation. **Check the site regularly for updates and results from checkoff-funded research.**

See updates and learn more about this project, the research team and other projects at [ILSoyAdvisor.com](https://ilsoyadvisor.com) and [@ILSoyAdvisor](#) on Facebook and Twitter.

**WE'RE  
HERE  
FOR  
YOU.**



SCAN ME