



## **North Central Soybean Research Program**

### **Soybean Extension Group: Bringing Science to Farmers**

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### **Progress Report April 2019**

Changes in crop production practices and environment impact disease severity and prevalence each year. Many diseases are sporadic, new, or emerging in the North Central Region and are concerning to farmers due to the lack of Extension information available when outbreaks occur. In a traditional system, research is conducted and Extension materials are developed and disseminated at the end of the project. This creates a “gap” in industry and farmer awareness for emerging diseases, and prevents stakeholders from obtaining the most current information about emerging issues until research projects can be completed.

It is critical to provide stakeholders with information to prevent unwarranted management practices, and improve awareness of disease. The main goal of this project is to identify emerging diseases, compile available resources and create Extension materials to provide information to farmers.

### **Project Objectives**

1. Develop and distribute information on emerging and important soybean diseases
2. Continue to work with Soybean Research and Information Initiative (SRII) to improve soybean disease content on the website
3. Incorporate/develop agronomic and insect pest information into new and existing publications and the SRII website

### **Research Progress**

#### **Objective 1: Develop and distribute information on emerging and important soybean diseases**

- Created a new [Crop Protection Network \(CPN\)](#) webpage with updated functionality. This webpage also includes [sponsor information](#) and directs viewers towards sponsor webpages.
- During this reporting period, the CPN website had 17,814 page views and more than 15,300 publication downloads.
- Updated two publications on fungicide use in soybean: Members of the North Central Regional Committee on Soybean Diseases (NCERA-137). 2019. [Soybean Disease Management: Fungicide](#)

[Efficacy for Control of Soybean Foliar Diseases. Crop Protection Network: CPN 1019.](#)

- Members of the Identification and Biology of Seedling Pathogens of Soybean Project and North Central Regional Committee on Soybean Diseases (NCERA-137). 2019. [Soybean Disease Management: Fungicide Efficacy for Control of Soybean Seedling Diseases. Crop Protection Network: CPN 1020.](#)
  
- Developed Feature article on [Soybean Seed Quality Considerations for 2019](#) at the Crop Protection Network website.
  
- This project continues to leverage the resources developed toward creating outreach for other major crops in February 2019
  - Members of the Corn Disease Working Group. 2019. [Corn Disease Management: Fungicide Efficacy for Control of Corn Diseases. Crop Protection Network: CPN 2011.](#)

**Objective 2. Continue to work with Soybean Research and Information Initiative (SRII) to improve soybean disease content on the website**

- SRII was updated with the most current versions of Crop Protection Network publications on soybean disease management using foliar and seed treatment fungicides.