Kiersten Wise, University of Kentucky
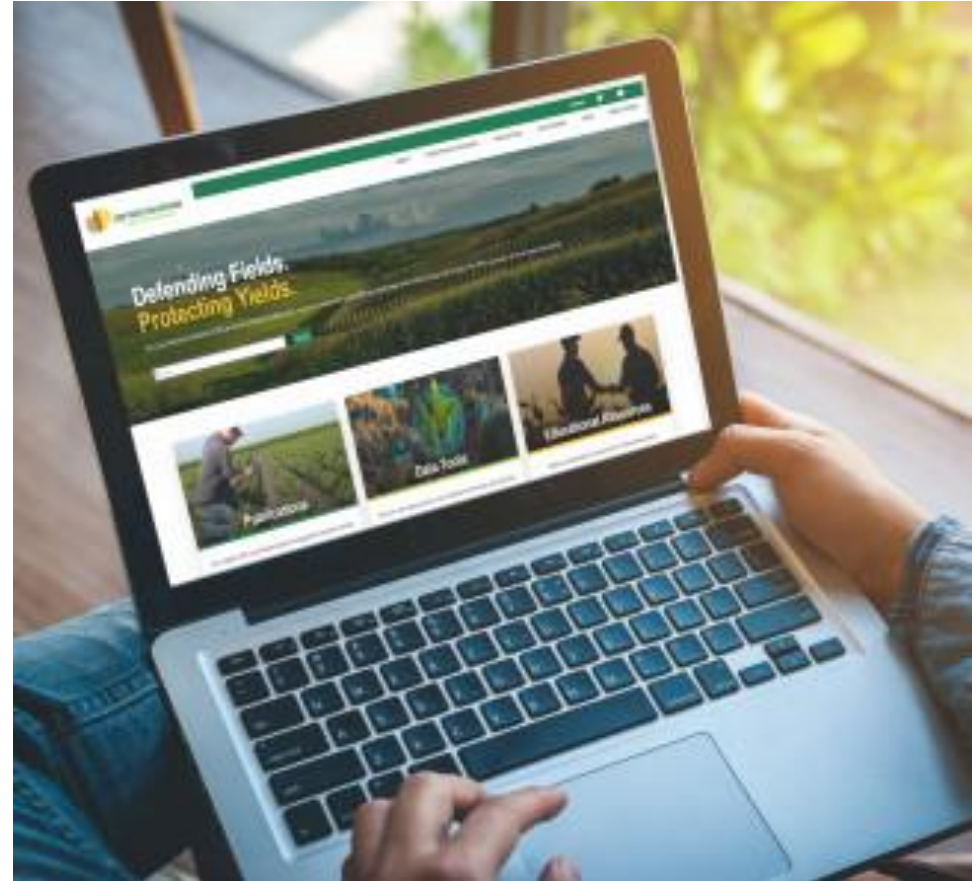
Daren Mueller, Iowa State University

Albert Tenuta, OMAFRA

CROP PROTECTION
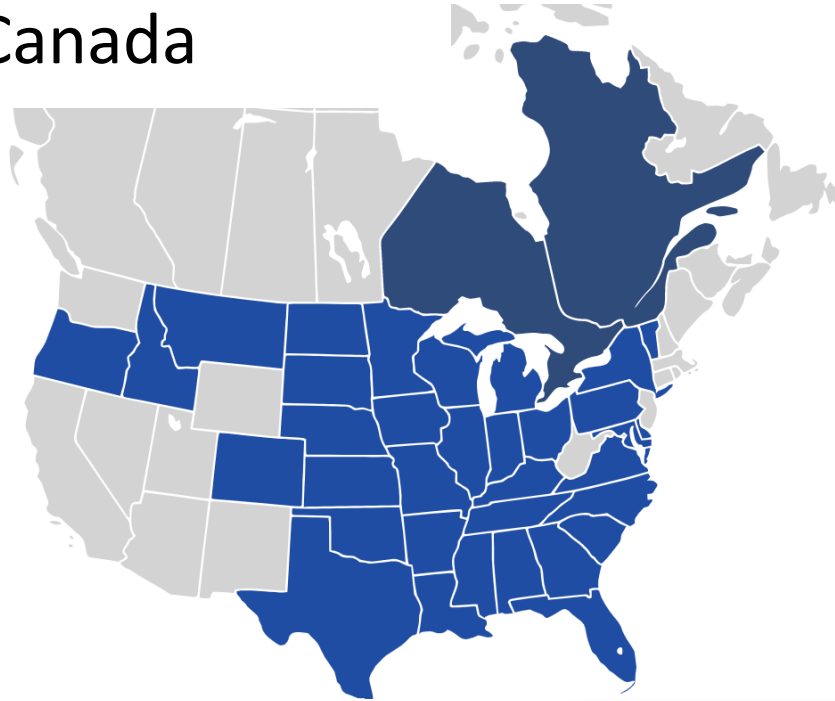NETWORK
A Product of Land Grant Universities

What is the Crop Protection Network?

- Multi-state and international partnership of university and provincial Extension specialists, and public and private professionals that provides **unbiased, research-based information**.

- Infrastructure for collaborative multi-state outputs among universities, Extension specialists, and public/private professionals.

- Audience: farmers, agribusiness personnel, crop consultants, extension agents, researchers, etc.

- Flexible and responsive to new research findings, innovation and changing agricultural practices.

Contributors and Funders

Input from 215 specialists
from 34 U.S. states, Ontario,
and Quebec, Canada

CropProtectionNetwork.org

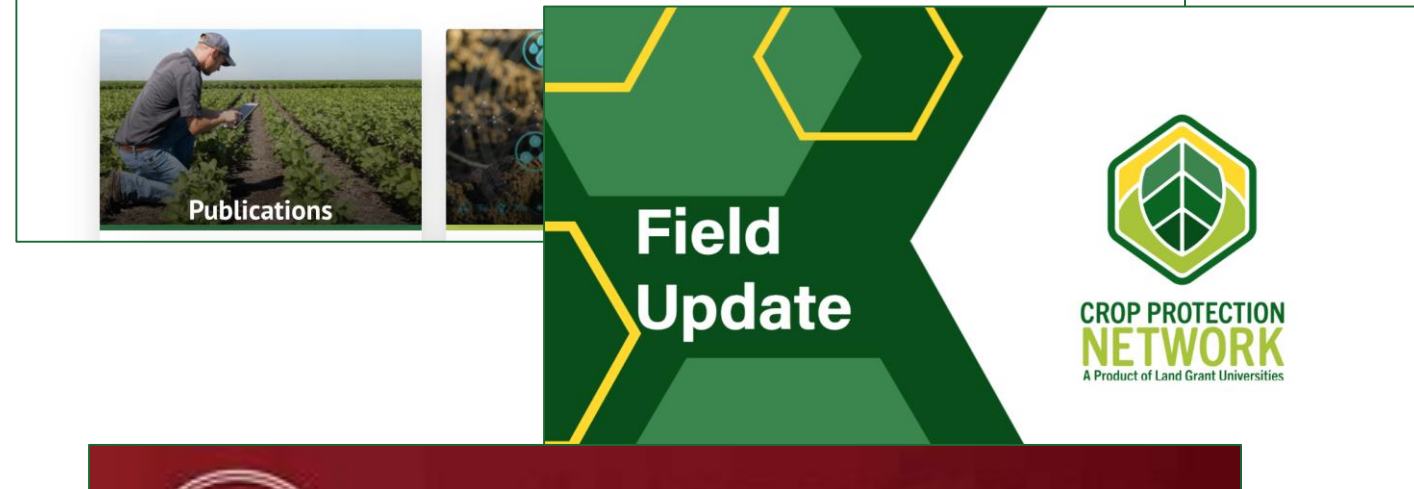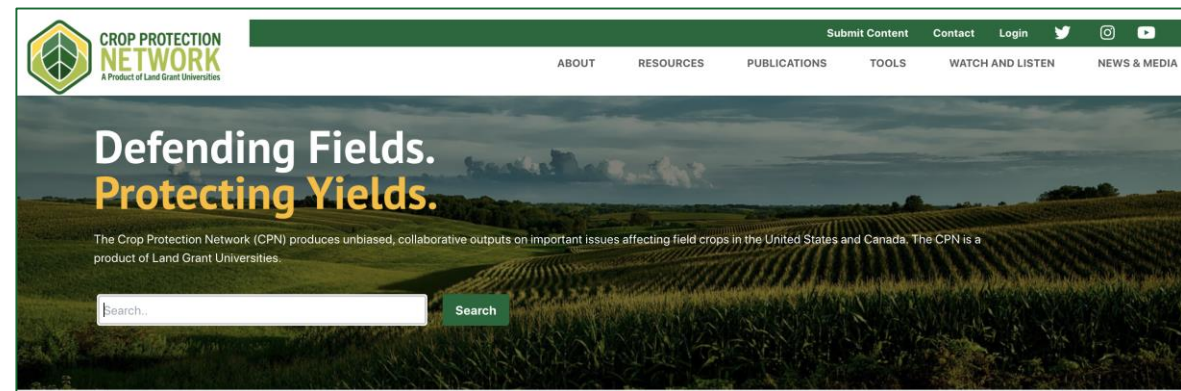**CROP PROTECTION NETWORK**

Defending Fields. Protecting Yields.

CPN Outputs

- Web page

- Publications
  - Extension publications (97)
  - Encyclopedia articles (225)
  - Web books (5)
  - Fungicide efficacy guides (5)

- Videos
  - CPN TV (release each January)
  - Crop Scout School (release each April)
  - Field updates (release during season)

- Audio
  - I See Dead Plants podcast
  - Support other IPM-related podcasts

CropProtectionNetwork.org

Defending Fields. Protecting Yields.

CPN Outputs

- Tools
  - CCA CEUs (10,000 CCA CEUs awarded from quizzes taken over CPN content!)
  - Maps
  - Yield loss calculator
  - Disease severity/insect defoliation
- Outreach
  - Booths/talks at meetings
  - X (Twitter)
  - Instagram Picture of the Day

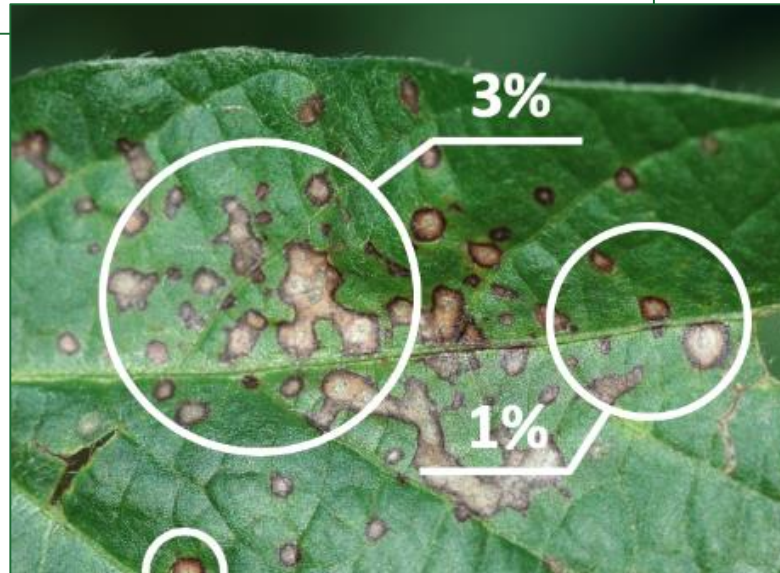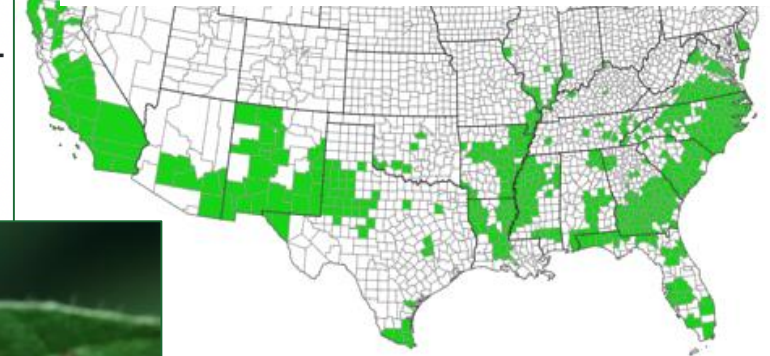**Crop Scouting Basics for Corn and Soybean Ch. 2: Know Your Field**
Examination

4/10

Beginning bloom (R1) in soybean occurs when _____.
○ Less than 5 percent of flowers have shed pollen.
○ At least four flowers are present on top leaf axils.
○ One flower is open at any node.
○ Up to 25 percent of flowers have shed pollen.

Submit Answer

Distribution of Southern Root-Knot Nematode

3%

1%

Disease Severity and Insect Defoliation Training
Train here before hitting the field to ensure accurate severity assessment.

CROP PROTECTION NETWORK

Defending Fields. Protecting Yields.

Yield Loss Calculator

- Corn, soybean, wheat, cotton

- Diseases and insects

- Interactive

- Searchable by:
  - Time - year(s)
  - Disease
  - Insect
  - Geographic area
    - Region
    - State
    - Country

Corn Disease Loss Calculator
Calculate yield and economic losses due to corn diseases

Results

Losses Map
Year: 2014

% Lost