



# Vision for the NPDN

Ray Hammerschmidt

Director, NCPDN

Michigan State University

# Mission

- The mission of the National Plant Diagnostic Network is to safeguard US plant agriculture and natural resources against introduced pests and pathogens

# How do We Accomplish This

- Enhance our diagnostic and detection capabilities

# How do We Accomplish This

- Enhance our diagnostic and detection capabilities
- Improve communication between federal, state, and local agencies involved in monitoring for plant pests and pathogens

# How do We Accomplish This

- Enhance our diagnostic and detection capabilities
- Improve communication between federal, state, and local agencies involved in monitoring for plant pests and pathogens
- Deliver educational programs on the threats posed by their introductions

# Overall Vision

- The NPDPN is an integral part and partner in the protection of plant agriculture and natural resources through enhanced diagnostics, education and communication

# Overall Vision

- The NPDN is an integral part and partner in the protection of plant agriculture and natural resources through enhanced diagnostics, education and communication
- WHY: Because protection of our food supply and natural resources must be a joint effort amongst many state, federal, private and university partners,

# How

- The NPDN will continue to develop capacity that facilitates rapid detection of high consequence plant pests and pathogens

# How

- The NPDPN will continue to develop capacity that facilitates rapid detection of high consequence plant pests and pathogens
- **WHY:** We must be prepared for accidental and intentional introductions and outbreaks of significant pests and pathogens

# How

- The NPDN will continue to work with federal, state and local partners on proper use of tools for rapid identifications
- We will continue to establish and refine protocols for immediate reporting to appropriate responders and decision makers.

# How

- The NPDPN will continue to educate
  - Land Grant University diagnosticians and faculty
  - State Regulatory personnel
  - First detectors
- Provide: information, images, and methods of detection throughout the system in a timely manner.

# How

- The NPDPN will continue to provide and improve communications to
  - Ensure all participating Land Grant University diagnostic facilities are alerted of possible outbreaks
  - Enhance abilities of diagnosticians to work together

# How

- We will ensure that LGU plant clinics are technologically equipped to rapidly detect and identify pests and pathogens

# How

- The NPDN will continue and expand on exercises to build partnerships and confidence
- The NPDN will also continue to develop and deploy education programs for first detectors

# How

- Continue to strengthen and develop partnerships with all stakeholders
  - University
  - Federal and State Government agencies
  - Private industry
  - Professional societies
  - The public

# Maintain and Enhance Excellence in LGU Diagnostics

- Diagnosticians and diagnostic clinics
  - Raise awareness of the important services provided to a wide variety of stakeholders
  - Continued support for diagnosticians and their activities