2017 NCPDN Annual Meeting

UW Plant Disease Diagnostics Clinic
Summary for 2016

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PDDC Summary for 2016
Potato Black Leg/Soft Rot

- Dickeya spp.
- Pectobacterium spp.
- Clostridium spp.

PDDC Summary for 2016
Tar Spot of Corn

- Phyllachora maydis

PDDC Summary for 2016
Thread Blight of Apple

- Corticium stevensii

PDDC Summary for 2016
Bacterial Canker of Tomato

- Clavibacter michiganensis pv. michiganensis

PDDC Summary for 2016
Entomosporium Leaf Spot

- Entomosporium sp.
**Hop Diseases**

- **Viral diseases**
  - Apple mosaic virus
  - Carlaviruses
- **Cone blights**
  - Pseudoperonospora humuli
  - Alternaria alternata (Alternaria cone disorder)
  - Fusarium spp. (Cone tip blight)

**Garlic Diseases**

- **Garlic mosaic**
- Unidentified potyvirus
- Embellisia allii
- Ditylenchus dipsaci
- Stem and bulb nematode

**Cucurbit Diseases**

- **Plectosporium blight**
- Didymella bryoniae
- Geotrichum candidum
- Black rot/Gummy stem blight
- Sour rot

**Clinic Update**

- **Outreach**
  - Clinic samples
  - Total: 1612
  - Commodity type
    - Vegetable: 37%
    - Trees and shrubs: 29%
    - Soil: 11%
    - Field and forage: 7%
    - Herbaceous ornamentals: 6%
    - Fruit: 6%
    - Specialty crops: 4%

**Staff**

- Brian Hudelson (Director/Diagnostician)
- Sean Toporek → Sue Lueloff (Assistant Diagnosticians)
- Ann Joy (Data entry)
- Dixie Lang (IT/website/social media support)
- Jake Kurczewski (student hourly)

**Outreach**

- Talks: 104 (29 counties)
- Radio and television/video
  - Garden Talk: http://www.wpr.org/
  - Blue Sky Science: http://host.madison.com/wsj/
• Outreach Activities
  – Web and social media
    • Website: https://pddc.wisc.edu/
    – Fact sheet repository
    – Weekly summaries (Wisconsin Disease Almanac)
    – Monthly web articles
    – Master Gardener resource page
  • Twitter: @UWPDDC
  • Facebook: @UWPDDC

• Outreach Activities
  – Fact sheets
    • University of Wisconsin Garden Facts
    • University of Wisconsin Farm Facts
    • University of Wisconsin Pest Alert
    • Total titles: 262
    • New titles
      – Bacterial Speck of Tomato
      – Bacterial Spot of Tomato
      – Common Leaf Spot of Strawberry

• Outreach Activities
  – Fact sheets
    • New titles
      – Cucumber Mosaic
      – Eastern Filbert Blight
      – Fairy Rings
      – Hot-Water Seed Treatment for Disease Management
      – Spotted Lanternfly
      – Stinkhorns

• Instruction
  – PP699: Plant Disease Diagnostics Clinic Practicum
  – PP354: Diagnosing and Monitoring Pest and Nutrient Status of Field Crops
  – Hort334: Greenhouse Production of Ornamental Plants
  – Plant Pathology Outdoor Laboratory