

Wisconsin Horticulture Update

UW-PDDC Update 2022

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UW-PDDC Update 2022 Location



- Russell Labs
- Labs: Rm. 183, Rm. B37
- Office: Rm. 276

UW-PDDC Update 2022 Staff

- Brian Hudelson (Director/Diagnostician)
- Sue Lueloff (Assistant Diagnostician)
- Sarah deVeer (Assistant Diagnostician)
- Dixie Lang (IT/website/social media support)
- Ann Joy (data entry)



UW-PDDC Update 2022 Diagnostic Services

- Sample types
 - Digital photos
 - Physical samples
- Diagnostic methods
 - Classical (culturing, moist chambers, microscopy, bioassays, etc.)
 - Serological (dip sticks, ELISA)
 - Molecular (PCR, DNA sequencing, cloning)
- Reporting methods
 - Email
 - Snail mail
 - Phone (critical diagnoses)



UW-PDDC Update 2022 Diagnostic Fees

- Digital diagnosis: \$20
- Physical sample base fee: \$25
- Culturing fee: \$5 per medium per plant part
- Serological test fees
 - Dip stick: \$8
 - ELISA: \$35
- DNA/RNA test fees
 - \$35 for the first PCR reaction (includes extraction costs)
 - \$15 for each additional PCR reaction
 - \$35 for DNA sequencing



UW-PDDC Update 2022 Diagnostic Fees

- Free diagnostics: \$0
 - Educational samples: Extension staff
 - Needs-based samples: schools, non-profits
 - High economic impact disease samples: late blight
 - Regulated disease samples: boxwood blight, SOD, Ralstonia wilt



UW-PDDC Update 2022 Outreach Programs

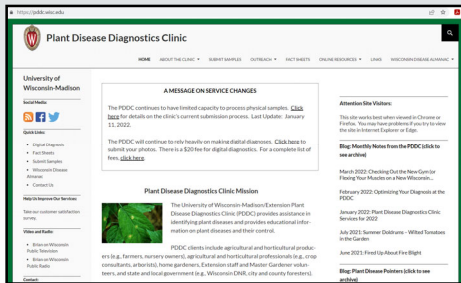
- Talks/Presentations
 - Master Gardener
 - Ornamental horticulture (consumer and commercial)
 - Fruit and vegetable (consumer)
 - Field and forage crop
- Trade Shows/Booths
 - Garden & Landscape Expo
 - WMARS Hort Field Day
- Wisconsin Public Radio and Television



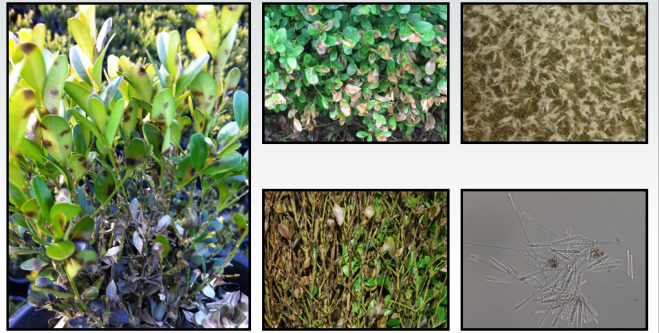
UW-PDDC Update 2022 Written Resources



UW-PDDC Update 2022 Website and Social Media



UW-PDDC Update 2022 Boxwood Blight



UW-PDDC Update 2022 Lipstick Rust



UW-PDDC Update 2022 Late Blight



UW-PDDC Update 2022
Septoria Leaf Spot/Early Blight

UW-PDDC Update 2022
Septoria Leaf Spot of Lilac

UW-PDDC Update 2022
Miscellaneous Wood Rots



UW-PDDC Update 2022
Canker Diseases

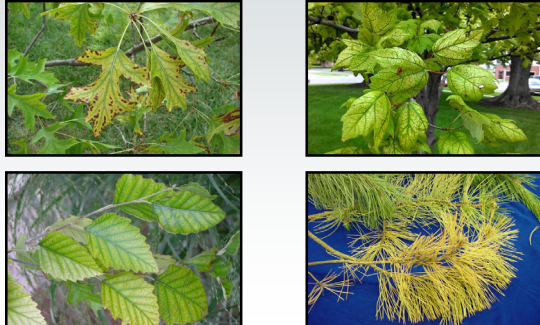
Tuberularia/Nectria Canker (Maple) **Coryneum Canker (Oak)** **Hypoxylon Canker (Oak)**



Thyronectria Canker (Honeylocust) **Massaria Canker (Maple)** **Blister Canker (Apple/Crabapple)**


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Virus Diseases

UW-PDDC Update 2022
Rhizosphaera Needle Cast

 **UW-PDDC Update 2022**
Chlorosis 



 **UW-PDDC Update 2022**
Planting Problems 



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Questions?

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