

**LGMSC 2024**

**Disease or Not Disease?  
That is the Question**

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**Disease or Not Disease?  
“Easy Money Diseases”**



Powdery Mildew



Black Knot



Golden Canker



Tar Spot



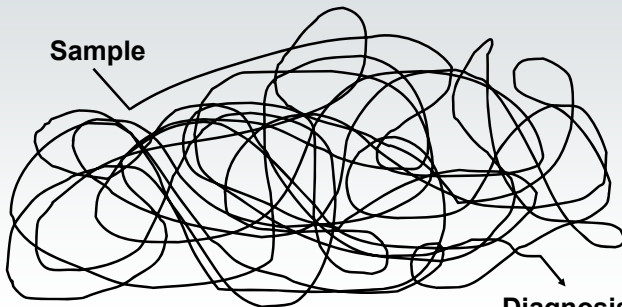
Elderberry Rust



Cedar-Apple Rust

**Disease or Not Disease?  
“The Rest . . .”**

Sample



Diagnosis

**Disease or Not Disease?  
Symptoms**

- Branch Dieback
- Tree Death
- Leaf Necrosis
- Galls

**Disease or Not Disease?  
Branch Dieback-Random**



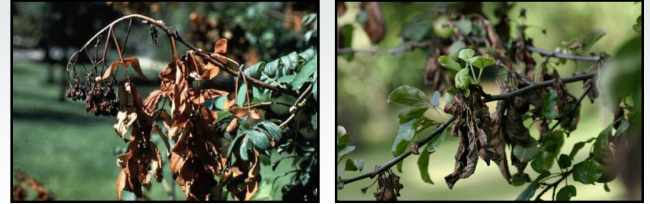
**Disease or Not Disease?  
Branch Dieback-Random**



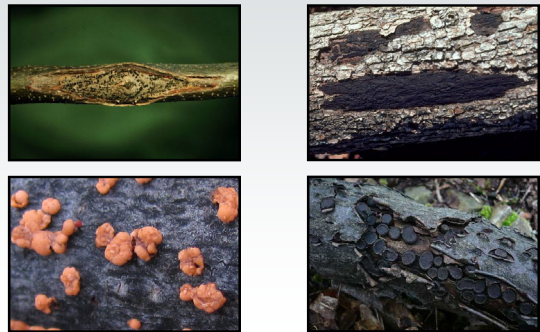
**Disease or Not Disease?**  
Branch Dieback-Random



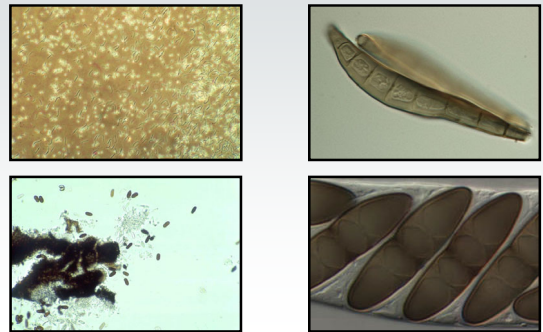
**Disease or Not Disease?**  
Branch Dieback-Random



**Disease or Not Disease?**  
Branch Dieback-Random



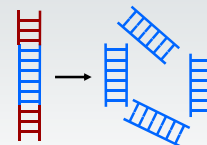
**Disease or Not Disease?**  
Branch Dieback-Random



**Disease or Not Disease?**  
Branch Dieback-Random



**Disease or Not Disease?**  
Branch Dieback-Random

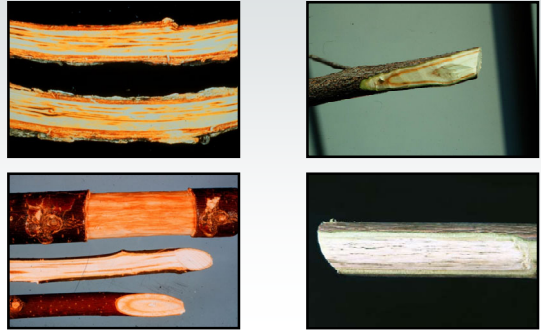


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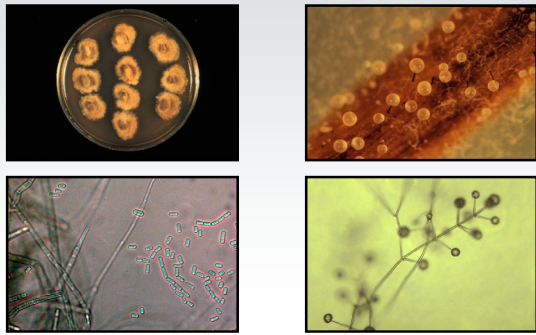
**Disease or Not Disease?**  
Branch Dieback-Sectional



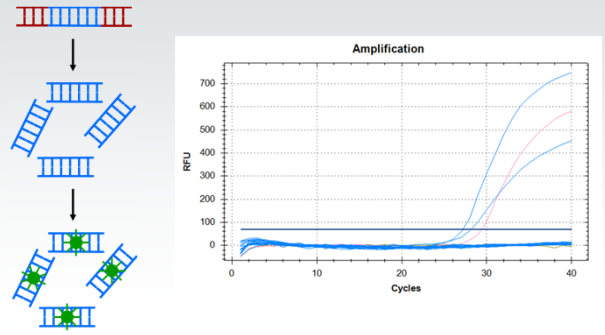
**Disease or Not Disease?**  
Branch Dieback-Sectional



**Disease or Not Disease?**  
Branch Dieback-Sectional



**Disease or Not Disease?**  
Branch Dieback-Sectional



**Disease or Not Disease?**  
Branch Dieback-Sectional



**Disease or Not Disease?**  
Branch Dieback-Sectional



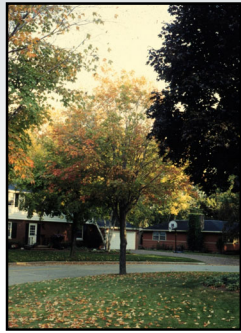
**Disease or Not Disease?**  
**Branch Dieback-Sectional**



**Disease or Not Disease?**  
**Branch Dieback-Sectional**



**Disease or Not Disease?**  
**Branch Dieback-General**



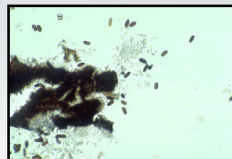
**Disease or Not Disease?**  
**Branch Dieback-General**



**Disease or Not Disease?**  
**Tree Death**



**Disease or Not Disease?**  
**Tree Death**



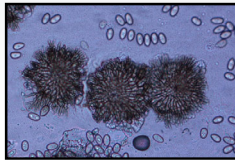
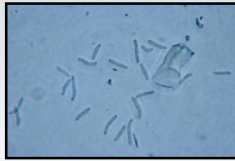
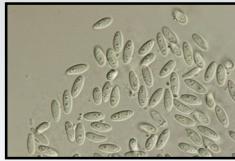
**Disease or Not Disease?**  
**Tree Death**



**Disease or Not Disease?**  
**Leaf Necrosis-Blotchy**



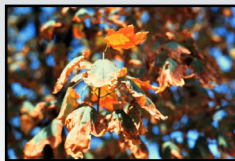
**Disease or Not Disease?**  
**Leaf Necrosis-Blotchy**



**Disease or Not Disease?**  
**Leaf Necrosis-Blotchy**



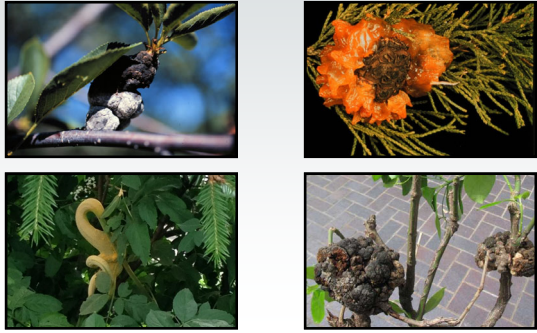
**Disease or Not Disease?**  
**Leaf Necrosis-Marginal**



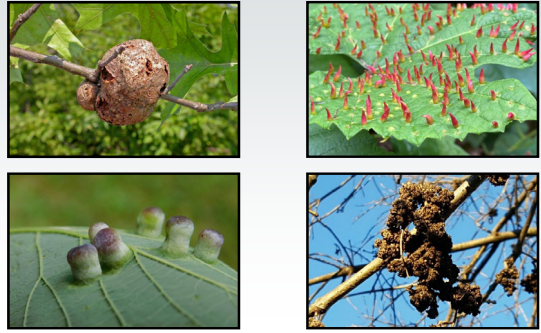
**Disease or Not Disease?**  
**Leaf Necrosis-Interveinal**



**Disease or Not Disease?**  
**Galls**



**Disease or Not Disease?**  
**Galls**



**Disease or Not Disease?**  
**Wrapping Things Up**

- Diagnosis isn't straightforward
- Multiple causes can lead to similar symptoms
- Symptoms can involve multiple causes
- Management depends on the cause(s) underlying a problem
- Don't be afraid to ask for help

**Disease or Not Disease?**  
**Where to Go for Help**

Plant Disease Diagnostics Clinic  
Department of Plant Pathology  
University of Wisconsin-Madison  
1630 Linden Drive  
Madison, WI 53706-1598  
(608) 262-2863  
pddc@wisc.edu  
<https://pddc.wisc.edu>  
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