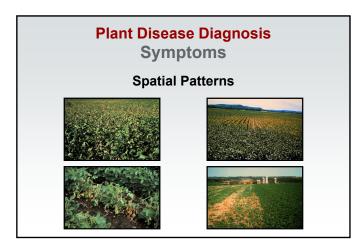
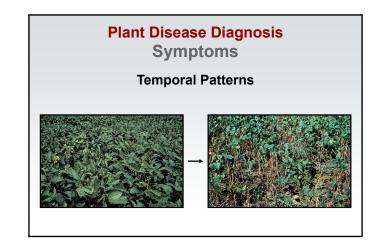
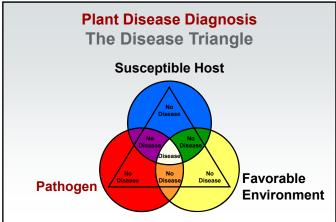


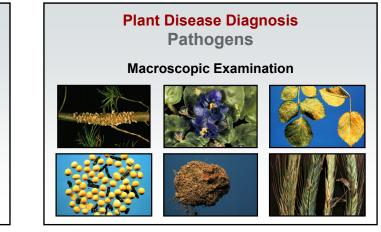


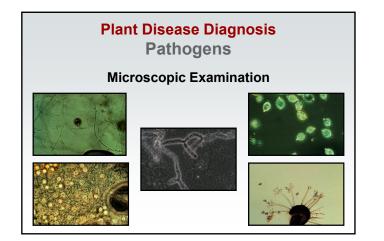
Plant Disease Diagnosis
SymptomsWilt SymptomsImage: Symptomic of the symptomic of the



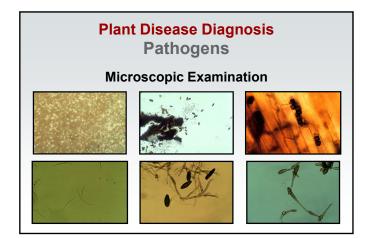


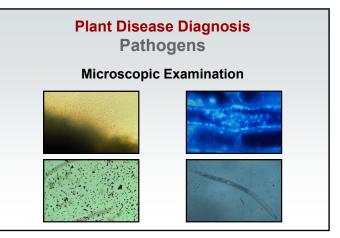


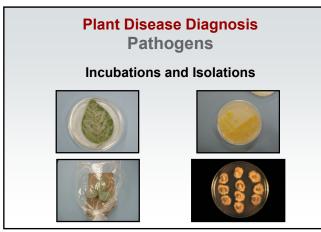




Plant Disease Diagnosis
PathogensMicroscopic ExaminationImage: Strain St

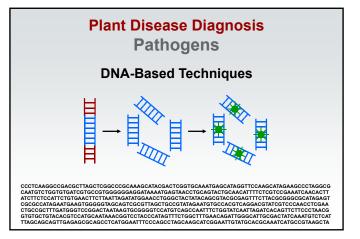


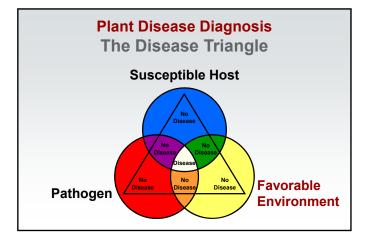




Plant Disease Diagnosis
Pathogens Bioassays









- High winds
- Hot vs. cold temperatures

Plant Disease Diagnosis Favorable Environment

- Collect information on weather
 - Winter conditions
 - Snow cover
 - Ice sheets
 - Freezing and thawing
 - Fall/winter transitions

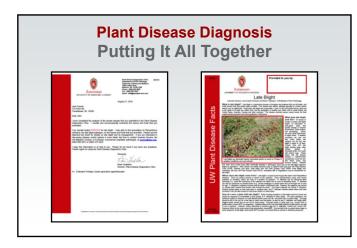
Plant Disease Diagnosis Favorable Environment

- Collect information on soils
 - Clay vs. sandy
 - Well vs. poorly drained
 - Flat vs. sloped
 - Fertility and pH

Plant Disease Diagnosis Favorable Environment

- Collect information on chemical sources
 - Fertilizer applications
 - Pesticide applications
 - Air pollutant point sources
 - Heating systems

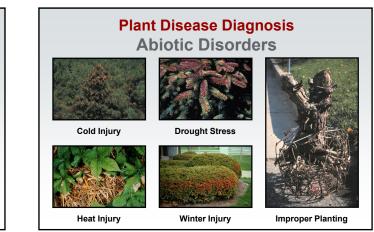
Plant Disease Diagnosis Putting It All Together Image: Second state s

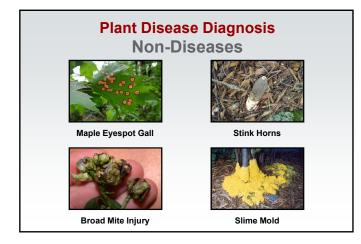




- Inoculate plants and reproduce symptoms
- Re-isolate the pathogen from inoculated plants







Plant Disease Diagnosis 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 Follow on Facebook and Twitter @UWPDDC Subscribe to the PDDC Listserv: UWPDDCLearn