

Plant Clinic Sample Summary

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For information about submitting a sample to the Plant Clinic, please see our website at: go.illinois.edu/plantclinic.

The following diseases, disorders, and pest issues were identified at the Plant Clinic from June 1 through June 10, 2022. Unless otherwise noted, the diagnoses were confirmed on the samples. Diagnoses are suspected when damage or injury indicative of a specific cause is found, but the causal agent itself is not present on the sample.

Host	Diagnosis	Pathogen/Pest	County
Broad-Leaved Woody Ornamentals			
Ash	Ash anthracnose	<i>Gloeosporium aridum</i>	Sangamon
Boxwood	Boxwood mite (suspected)	<i>Eurytetranychus buxi</i>	Cook
	Boxwood psyllid (suspected)	<i>Psylla buxi</i>	Lake
	Boxwood Volutella blight; Canker	<i>Volutella buxi</i>	Cook, Lake
	Fusarium canker	<i>Fusarium</i> sp./spp.	Cook
	Cultural/environmental problem (suspected)	None	Cook, Lake
Elm	Aphids	Family Aphididae	Champaign
	Elm cockscomb gall aphid	<i>Colopha ulmicola</i>	Champaign
Purple-leaved Filbert	Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	<i>Botryosphaeria</i> sp./spp.	Champaign
	Spider mites	Family Tetranychidae	Champaign
	Armored scales	Family Diaspididae	Champaign
	Cultural/environmental problem (suspected)	None	Champaign
Vicary Golden privet	Cultural/environmental problem (suspected)	None	Madison
Japanese Maple	Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	<i>Phomopsis</i> sp./spp.	Warren
	Cultural/environmental problem (suspected)	None	Warren
Bur Oak	Oak wilt	<i>Ceratocystis fagacearum</i>	Champaign
Northern Red Oak	Anthracnose	<i>Discula quercina</i>	Champaign
	Oak shothole leafminer	<i>Agromyza viridula</i>	Champaign
White Oak	Oak twig canker and dieback	<i>Botryosphaeria quercuum</i>	Lake

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White Oak (con't)	Aphids	Family Aphididae	Lake
	Oak bullet gall wasp	<i>Disholcaspis globulus</i>	Lake
	Oak vein pocket gallmaker	<i>Macrodiplosis quercusoruca</i>	Lake
	Common thrips	Family Thripidae	Lake
	Cultural/environmental problem (suspected)	None	Lake
Oaks	Chemical injury (suspected)	None	Champaign
Tuliptree	Chemical injury (suspected)	None	Champaign
Needled Woody Ornamentals			
Alaska Cedar	Tip blight (<i>Diplodia</i> sp./spp.)	<i>Diplodia</i> sp./spp.	Champaign
Arborvitae	Arborvitae needle blight	<i>Phyllosticta thujae</i>	Champaign, Cook, Warren
	Pestalotiopsis needle blight; Tip blight	<i>Pestalotiopsis</i> sp./spp	Cook, DeKalb, Ford
	Spruce spider mite (confirmed and suspected)	<i>Oligonychus ununguis</i>	DeKalb, Ford
	Mechanical damage (suspected)	None	Champaign
	Cultural/environmental problem (suspected)	None	Champaign, Cook, DeKalb, Ford, Warren
Yew	Cryptocline needle blight	<i>Cryptocline taxicola</i>	Cook
	Oedeman; Edema	None	Cook
Herbaceous Ornamentals			
Petunia	Gray Mold; Leaf /stem/twig blight; Rot	<i>Botrytis cinerea</i>	Greene
	Pythium root and/or crown rot	<i>Pythium</i> sp./spp.	Greene
	Rhizoctonia root and/or crown rot	<i>Rhizoctonia</i> sp./spp.	Greene
	Alternaria (unspecified pathology)	<i>Alternaria</i> sp./spp.	Greene
Fruits and Vegetables			
Grape	Chemical injury (suspected)	None	Champaign
Tomato	Alternaria collar rot/Early blight	<i>Alternaria solani</i>	Jackson
	White mold; Stem rot	<i>Sclerotinia sclerotiorum</i>	Jackson

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Field Crops			
Alfalfa	Alfalfa downy mildew	<i>Peronospora trifoliorum</i>	Winnebago
	Rhizoctonia crown and stem rot	<i>Rhizoctonia</i> sp./spp.	Winnebago
	Common thrips	Family Thripidae	Winnebago
	Cultural/environmental problem (suspected)	None	Winnebago
Field Corn	Chemical injury (suspected)	None	Cumberland
Wheat	Septoria leaf spot	<i>Septoria tritici</i>	Madison

The University of Illinois Plant Clinic is the federally designated plant diagnostic laboratory for the state of Illinois and is a member laboratory of the National Plant Diagnostic Network (NPDN). We are an Extension program housed in the Department of Crop Sciences. The Plant Clinic is supported by NPDN grant monies, USDA-NIFA-CPPM grant monies, Extension support, Departmental personnel and building space, and service fees.

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