

## 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](http://go.illinois.edu/plantclinic).

The following diseases, disorders, and pest issues were identified at the Plant Clinic from May 1 through May 31, 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
<b>Broad-Leaved Woody Ornamentals</b>			
American Holly	Dieback; Canker; Twig blight	<i>Botryosphaeria</i> sp./spp.	Champaign
	Japanese maple scale	<i>Lopholeucaspis japonica</i>	Champaign
Azalea; Rhododendron	Rhizoctonia root rot	<i>Rhizoctonia</i> sp./spp.	St. Louis, MO
Boxwood	Boxwood leafminer	<i>Monarthropalpus flavus</i> ( <i>buxi</i> )	Champaign, Cook Kankakee,
	Boxwood Macrophoma leaf spot	<i>Macrophoma candollei</i>	Cook, Saint Louis, MO
	Boxwood mite (confirmed and suspected)	<i>Eurytetranychus buxi</i>	Champaign, Cook, Kankakee
	Boxwood psyllid	<i>Psylla buxi</i>	Champaign, Cook
	Boxwood Volutella blight; Canker	<i>Volutella buxi</i>	Champaign, Cook, Kankakee
	Fusarium canker	<i>Fusarium</i> sp./spp.	Cook
	Phomopsis dieback; Tip blight; Canker	<i>Phomopsis</i> sp./spp.	
	Rhizoctonia root rot	<i>Rhizoctonia</i> sp./spp.	Saint Louis, MO
	Cultural/environmental problem (suspected)	None	Cook
Littleleaf Boxwood	Boxwood Macrophoma leaf spot	<i>Macrophoma candollei</i>	Jackson
	Boxwood Volutella blight; Canker	<i>Volutella buxi</i>	Cook, Jackson
	Fusarium canker	<i>Fusarium</i> sp./spp.	Cook, Jackson
	Mesostig mites	Order Mesostigmata	Jackson
Callery Pear	Dieback; Canker; Twig blight	<i>Botryosphaeria</i> sp./spp.	Cook
	Cultural/environmental problem (suspected)	None	Cook
Copper Beech	Cultural/environmental problem (suspected)	None	Champaign
Japanese Tree Lilac	Bacterial blight	<i>Pseudomonas syringae</i> <i>syringae</i>	Champaign

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Maple	Maple anthracnose	<i>Aureobasidium apocryptum</i>	Champaign
Pin Oak	Cultural/environmental problem (suspected)	None	Champaign
Privet	Verticillium wilt	<i>Verticillium sp./spp.</i>	Los Angeles, CA
Quaking Aspen	Cultural/environmental problem (suspected)	None	Champaign
<b>Needed Woody Ornamentals</b>			
Colorado Blue spruce	Rhizoctonia root rot	<i>Rhizoctonia sp./spp.</i>	Kane
Dwarf Alberta spruce	Rhizosphaeria needle cast	<i>Rhizosphaera kalkhoffii</i>	Champaign
	Spruce needleminers	<i>Endothenia; Epinotia sp./spp.</i>	Champaign
	Spruce spider mite (suspected)	<i>Oligonychus ununguis</i>	Champaign
Norway spruce	Black pineleaf scale	<i>Nuculaspis californica</i>	Lake
	Needle dieback	<i>Phyllosticta sp./spp.</i>	Ogle
	Phomopsis dieback; Tip blight; Canker	<i>Phomopsis sp./spp.</i>	Ogle
	Rhizosphaeria needle cast	<i>Rhizosphaera kalkhoffii</i>	Lake
	Stigmata needle blight	<i>Stigmata lautii</i>	Lake
	Cultural/environmental problem (suspected)	None	Lake, Ogle
Spruce	Fungal Canker	Unspecified canker fungus	Ogle
	Pestalotiopsis needle blight; Tip blight	<i>Pestalotiopsis sp./spp.</i>	Ogle
	Sudden needle drop; Spruce needle drop	<i>Setomelanomma holmii</i>	Ogle
	Cultural/environmental problem (suspected)	None	Ogle
Green Giant arborvitae	Chinese mantis	<i>Tenodera sinensis</i>	Marion
	Pestalotiopsis needle blight; Tip blight	<i>Pestalotiopsis sp./spp.</i>	Marion
Hemlock	Spruce spider mite (suspected)	<i>Oligonychus ununguis</i>	Unspecified location
	Cultural/environmental problem (suspected)	None	Unspecified location
Rocky Mountain juniper	Dieback; Canker	<i>Seiridium sp./spp.</i>	DuPage
	Needle blight	<i>Pseudocercospora juniperi</i>	DuPage
Scots Pine	Brown spot; Needle blight	<i>Mycosphaerella dearnessii</i>	Sangamon
Yew	Cryptocline needle blight	<i>Cryptocline taxicola</i>	Cook
	Oedeman; Edema	None	Cook
<b>Herbaceous Ornamentals</b>			
Pachysandra	Leaf and stem blight	<i>Volutella pachysandrae</i>	Ogle
Peony	Peony leaf blotch	<i>Cladosporium paeoniae</i>	McLean
Petunia	Common thrips	Family Thripidae	Wayne

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Petunia (con't)	Darkwinged fungus gnats	Family Sciaridae	Wayne
<b>Specialty Crops</b>			
Hemp	Astigmatina mites (suspected)	Order Sarcoptiformes	Tazewell
	Mesostig mites (suspected)	Order Mesostigmata	Tazewell
<b>Fruits and Vegetables</b>			
Blackberry	Eastern cottontail rabbit	<i>Sylvilagus floridanus</i>	Sangamon
	Rednecked cane borer	<i>Agilus ruficollis</i>	Sangamon
	Rose scale	<i>Aulacaspis rosae</i>	Sangamon
Strawberry	Anthracoise	<i>Colletotrichum acutatum</i>	Jackson
	Leaf/stem/twig blight; Rot; Gray mold	<i>Botrytis cinerea</i>	Jackson
	Spidermites	Family Tetranychidae	Union
Tomato	Alternaria collar rot/Early blight	<i>Alternaria solani</i>	DuPage
	Pythium root and/or crown rot	<i>Pythium</i> sp./spp.	White
<b>Field Crops</b>			
Winter Wheat	Pythium root and/or crown rot	<i>Pythium</i> sp./spp.	Champaign
	Rhizoctonia root rot	<i>Rhizoctonia</i> sp./spp.	Champaign
	Cultural/environmental problem (suspected)	None	Champaign
	Unspecified pathology	<i>Oplidium</i> sp./spp.	Champaign

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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