

Plant Clinic Sample Summary

Diane Plewa and Chelsea Harbach, Department of Crop Sciences and Extension

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 August 6 through August 12, 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			
Boxwood	Macrophoma leaf spot	<i>Macrophoma candollei</i>	Cook, St. Louis MO
	Volutella blight	<i>Volutella buxi</i>	Cook, St. Louis MO
	Dieback; Canker; Twig blight	<i>Botryosphaeria</i> sp./spp.	Cook
	Fusarium canker	<i>Fusarium</i> sp./spp.	Cook
	Psyllid	<i>Psylla buxi</i>	Cook
	Boxwood mite (suspected)	<i>Eurytetranychus buxi</i>	St. Louis, MO
Hawthorn	Entomosporium leaf spot	<i>Entomosporium</i> sp./spp.	Walworth, WI
	Hawthorn leafminer (suspected)	<i>Profenusa collaris</i>	Walworth, WI
	Cultural/environmental problem (suspected)	None	Walworth, WI
Honeylocust	Fungal canker	Unidentified fungus	St. Louis, MO
	Cultural/environmental problem (suspected)	None	St. Louis, MO
Magnolia	Leaf spot	<i>Alternaria alternata</i>	Champaign
	Cultural/environmental problem (suspected)	None	Champaign
Red oaks group	Mycosphaerella leaf spot	<i>Mycosphaerella</i> sp./spp.	Cook
	Cultural/environmental problem (suspected)	None	Cook
Needled Woody Ornamentals			
Arborvitae	Arborvitae leafminer (suspected)	<i>Argyresthia thuiella</i>	Unknown
	Arborvitae needle blight	<i>Phyllosticta thujae</i>	Champaign, Tazewell, Warren, Unknown
	Pestalotiopsis needle blight; tip blight	<i>Pestalotiopsis</i> sp./spp.	Champaign, Tazewell, Warren
	Cultural/environmental problem (suspected)	None	Champaign, Tazewell, Unknown
Cedar	Phomopsis tip blight; needle blight	<i>Phomopsis juniperovora</i>	Champaign
	Cultural/environmental problem (suspected)	None	Champaign

Plant Clinic Summary, samples completed August 6 through August 12, 2022



Herbaceous Ornamentals			
St. Johnswort	Caterpillar feeding damage	Order Lepidoptera	St. Louis, MO
Fruits and Vegetables			
Pumpkin	Blight; Russet	<i>Plectosporium tabacinum</i>	Tazewell, Unknown
	Powdery Mildew	<i>Podosphaera</i> sp./spp.	Tazewell
	Striped cucumber beetle	<i>Acalymma vittatum</i>	Unknown
Field Crops			
Corn	Common rust	<i>Puccinia sorghi</i>	Cass, DeWitt
	Common smut	<i>Ustilago maydis</i>	DeWitt
	Gray leaf spot	<i>Cercospora zea-maybis</i>	Cass
	Physoderma brown spot	<i>Physoderma maydis</i>	DeWitt
	Yellow leaf blight	<i>Phyllosticta maydis</i>	DeWitt
Soybean	Powdery mildew	<i>Microsphaera diffusa</i>	DeWitt
	Bacterial blight	<i>Pseudomonas syringae</i> pv. <i>glycinea</i>	DeWitt

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.

Plant Clinic Summary, samples completed August 6 through August 12, 2022