

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 July 30 through August 5, 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>	St. Louis (MO)
	Volutella blight; canker	<i>Volutella buxi</i>	Cook, St. Louis (MO)
	Fusarium canker	<i>Fusarium sp./spp.</i>	Cook, St. Louis (MO)
Crabapple	Cedar-apple rust	<i>Gymnosporangium juniperi-virginianae</i>	Champaign
	Frogeye leaf spot	<i>Botryosphaeria obtusa</i>	Champaign
Hawthorn	Cedar-hawthorn rust	<i>Gymnosporangium globosum</i>	Champaign
	Hawthorn leafminer	<i>Profenusa collaris</i>	Champaign
	Japanese beetle	<i>Popillia japonica</i>	Champaign
	Cultural/environmental problem (suspected)	None	Champaign
Needled Woody Ornamentals			
Eastern White Pine	Phomopsis dieback; Tip blight	<i>Phomopsis sp./spp.</i>	Peoria
	Cultural/environmental problem (suspected)	None	Peoria
Juniper	Cultural/environmental problem (suspected)	None	Champaign
Norway Spruce	Pestalotiopsis needle blight	<i>Pestalotiopsis sp./spp.</i>	Cook
	Spruce spider mite	<i>Oligonychus unuguis</i>	Cook
	Cultural/environmental problem (suspected)	None	Cook
Herbaceous Ornamentals			
Fescue	Anthracnose	<i>Colletotrichum cereale</i>	Tazewell
	Pythium root rot	<i>Pythium sp./spp.</i>	Tazewell
	Rhizoctonia root rot	<i>Rhizoctonia sp./spp.</i>	Tazewell
	Dense thatch layer	None	Tazewell
Field Crops			
Corn	Common corn rust	<i>Puccinia sorghi</i>	Piatt, Tazewell
	Common smut	<i>Ustilago maydis</i>	Boone, Christian, McLean

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	Gray leaf spot	<i>Cercospora zea-maydis</i>	Tazewell
	Northern corn leaf blight	<i>Exserohilum turcicum</i>	McLean, Tazewell
	Northern corn leaf spot	<i>Bipolaris zeicola</i>	Tazewell
	Physoderma brown spot	<i>Physoderma maydis</i>	Boone, Christian, McLean, Tazewell
	Southern corn leaf blight	<i>Bipolaris maydis</i>	Piatt
	Yellow leaf blight	<i>Phyllosticta maydis</i>	Christian, Piatt
Sweet Corn	Anthracnose	<i>Colletotrichum graminicola</i>	McHenry
	Common corn rust	<i>Puccinia sorghi</i>	Champaign, McHenry
	Common smut	<i>Ustilago maydis</i>	Champaign, McHenry
	Gray leaf spot	<i>Cercospora zea-maydis</i>	Champaign, McHenry
	Northern corn leaf blight	<i>Exserohilum turcicum</i>	McHenry
	Northern corn leaf spot	<i>Bipolaris zeicola</i>	Champaign, McHenry
	Southern corn leaf blight	<i>Bipolaris maydis</i>	McHenry
	Yellow leaf blight	<i>Phyllosticta maydis</i>	Champaign, McHenry
Soybean	Phyllosticta leaf spot	<i>Phyllosticta sojicola</i>	Bureau
	Pythium root and/or crown rot	<i>Pythium</i> sp./spp.	Bureau
	Bacterial blight	<i>Pseudomonas syringae</i> pv. <i>glycinea</i>	McHenry
	Bacterial pustule	<i>Xanthomonas anoxopodis</i> pv. <i>glycines</i>	McHenry
	Pod and stem blight	<i>Diaporthe phaseolorum</i> var. <i>sojae</i>	Bureau

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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