

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 23 through July 29, 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			
Korean Lilac	Sooty mold	Unidentified fungus	Adams
Small-leaved European Linden	Anthracnose	<i>Elsinoe</i> sp./spp.	Champaign
	Dieback; Canker; Twig blight	<i>Botryosphaeria</i> sp./spp.	Champaign
	Cultural/environmental problem (suspected)	None	Champaign
Pin Oak	Nutrient chlorosis (suspected)	None	Champaign
White Oak	Fungal canker	Unidentified fungus	Cook
	Oak leaf blister	<i>Taphrina caerulescens</i>	Cook
	Oak twig canker and dieback	<i>Botryosphaeria quercuum</i>	Cook
Red oaks group	Fungal canker	Unidentified fungus	Cook
	Drought stress (suspected)	None	Cook
White oaks group	Oak leaf blister	<i>Taphrina caerulescens</i>	Cook
	Oak twig canker and dieback	<i>Botryosphaeria quercuum</i>	Kane
	Fungal canker	Unidentified fungus	Cook, DuPage
	Twospotted spider mite	<i>Tetranychus urticae</i>	DuPage
	Cultural/environmental problem (suspected)	None	Cook, DuPage
	Nutrient chlorosis (suspected)	None	Cook
	Chemical injury (suspected)	None	Kane
Oaks	Cultural/environmental problem (suspected)	None	Champaign
Needled Woody Ornamentals			
Canaan Fir	Phytophthora root rot	<i>Phytophthora</i> sp./spp.	Henry
	Rhizoctonia root rot	<i>Rhizoctonia</i> sp./spp.	Henry
Herbaceous Ornamentals			
Hosta	Anthracnose	<i>Colletotrichum</i> sp./spp.	Unknown
	Cultural/environmental problem (suspected)	None	Unknown
Field Crops			
Field Corn	Insect damage	Class Insecta	Douglas

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Sweet Corn	Common smut	<i>Ustilago maydis</i>	Champaign
	Gray leaf spot	<i>Cercospora zeae-maydis</i>	Champaign
	Yellow leaf blight	<i>Phyllosticta maydis</i>	Champaign
	Common rust	<i>Puccinia sorghi</i>	Champaign
	Northern corn leaf spot	<i>Bipolaris zeicola</i>	Champaign
Corn	Lesion nematodes	<i>Pratylenchus sp./spp.</i>	Union, KY
	Rhizoctonia root rot	<i>Rhizoctonia sp./spp.</i>	Union, KY
	Gray leaf spot	<i>Cercospora zeae-maydis</i>	Tazewell
	Northern corn leaf blight	<i>Exserohilum turcicum</i>	McLean, Tazewell
	Northern corn leaf spot	<i>Bipolaris zeicola</i>	McLean, Tazewell
	Physoderma brown spot	<i>Physoderma maydis</i>	Tazewell
	Common rust	<i>Puccinia sorghi</i>	Tazewell
	Common smut	<i>Ustilago maydis</i>	McLean
Sorghum	Rough leaf spot	<i>Ascochyta sorghina</i>	Champaign
Soybean	Crown and root rot	<i>Phytophthora sp./spp.</i>	Cedar, IA
	Rhizoctonia root rot	<i>Rhizoctonia sp./spp.</i>	Cedar, IA
	Soybean Cyst Nematode	<i>Heterodera glycines</i>	Cedar, IA
	Soybean pod and stem blight	<i>Diaporthe phaseolorum</i> var. <i>sorjae</i>	Cedar, IA
	Soybean Phytophthora root and stem rot	<i>Phytophthora sojae</i>	Iroquois
	Phyllosticta leaf blight	<i>Phyllosticta sojaicola</i>	Iroquois

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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