

Plant Clinic Sample Summary

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For information about submitting a sample, please see our website at <https://extension.illinois.edu/plant-clinic>.

The following diseases, disorders, and pest issues were identified at the Plant Clinic from June 12 through June 18, 2023. 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	Boxwood <i>Macrophoma</i> leaf spot	<i>Macrophoma candollei</i>	Cook, Lake
	Boxwood <i>Volutella</i> blight; Canker	<i>Volutella buxi</i>	Cook, Iroquois
	Boxwood mite (suspected)	<i>Eurytetranychus buxi</i>	Champaign, Cook
	Boxwood <i>Volutella</i> blight; Canker	<i>Volutella buxi</i>	Lake
	Cultural/environmental problem (suspected)	None	Lake, Iroquois
Elm	Dieback; Canker; Twig blight	<i>Botryosphaeria</i> sp./spp.	Cook
	Cultural/environmental problem (suspected)	None	Cook
Japanese Maple	Fungal canker	Various	Coles
	Cultural/environmental problem (suspected)	None	Coles
Sugar Maple	Common thrips	Family Thripidae	Douglas
	Cultural/environmental problem (suspected)	None	Douglas
Maple	Fungal canker	Various	Champaign
	Cultural/environmental problem (suspected)	None	Champaign
Needled Woody Ornamentals			
Arborvitae	Arborvitae needle blight	<i>Phyllosticta thujae</i>	Cook
	Rhizoctonia root rot	<i>Rhizoctonia</i> sp./spp.	Cook
	Cultural/environmental problem (suspected)	None	Cook
Pfitzer Juniper	Juniper Scale	<i>Carulaspis juniperi</i>	Vermilion
	Pestalotiopsis needle blight	<i>Pestalotiopsis</i> sp./spp.	Vermilion

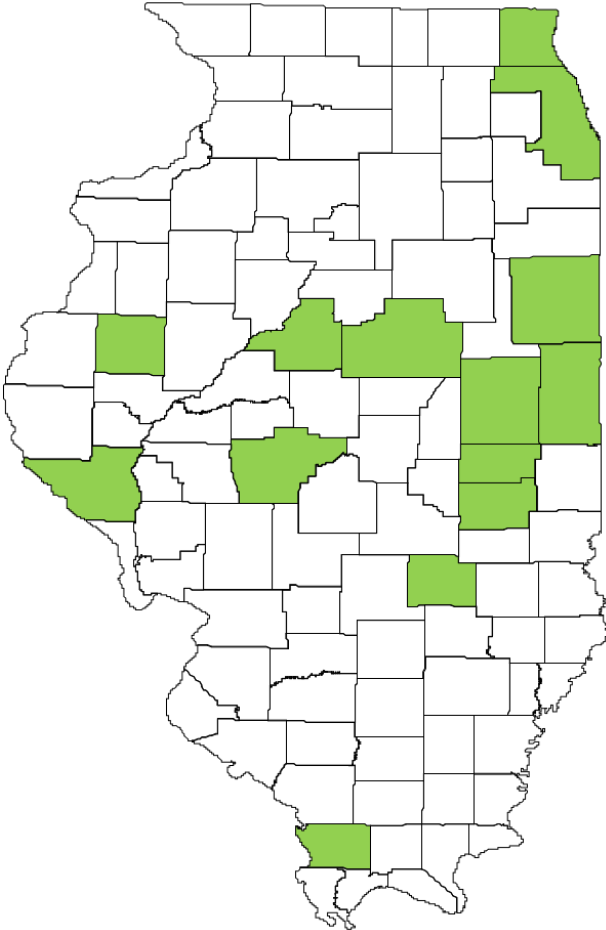
Plant Clinic Summary, samples completed June 12 through June 18, 2023

Herbaceous Ornamentals			
Epimedium	Tobacco Rattle (suspected)	Tobacco Rattle Virus	Champaign
Fruits and Vegetables			
Bell Pepper	Bacterial blight	<i>Xanthomonas</i> sp./spp.	McDonough
Field Crops			
Soybean	Crown and root rot	<i>Phytophthora</i> sp./spp.	McLean, Tazewell, Union, Vermilion
	Crown and root rot	<i>Fusarium</i> sp./spp.	Vermilion, Unknown
	Crown and root rot	<i>Rhizoctonia</i> sp./spp.	Union, Pike, Tazewell, Unknown
	Crown and root rot	<i>Pythium</i> sp./spp.	Tazewell
	Nutrient deficiency (suspected)	None	Vermilion
	Herbicide injury: HPPD inhibitor (suspected)	None	Douglas, Sangamon
	Herbicide injury: Synthetic auxin (suspected)	None	Effingham

Comments

We are continuing to see stress pathogens on woody plants. These are weak pathogens that usually infect plants that are already struggling, often due to adverse environmental conditions. Fungal cankers, many needle blights, and weak leaf spot diseases like *Macrophoma* on boxwood are common examples of these types of stress-related diseases.

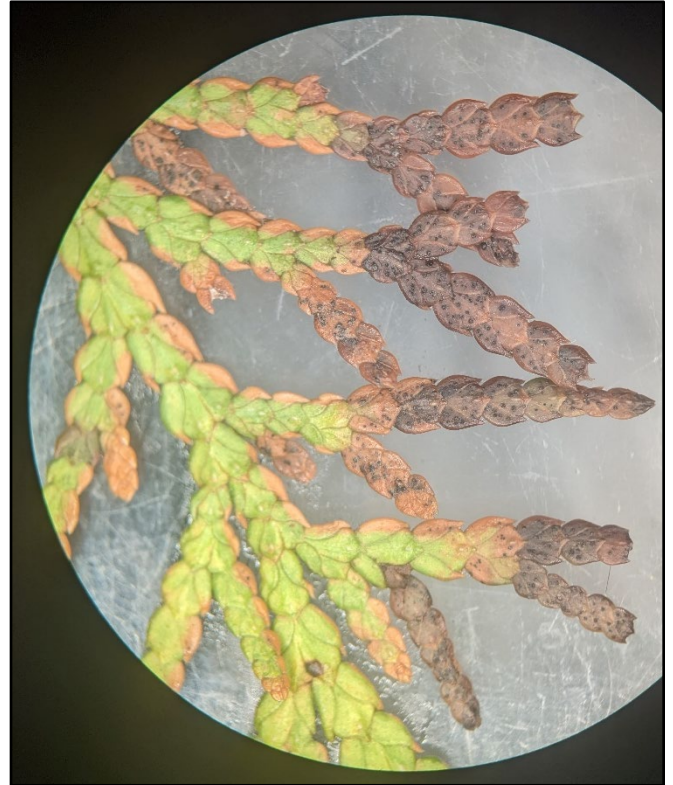
Several common spring seedling diseases have been identified in soybean samples collected throughout the middle region of the state. This year, we have observed a higher incidence of *Rhizoctonia* and *Fusarium*, while cases of *Phytophthora* and *Pythium* have been relatively lower. This observation is not unexpected considering the prevailing dry conditions that have characterized the growing season in most parts of Illinois this year.



Illinois counties which samples were received from during this period



Macrophoma leaf spot on boxwood



Phyllosticta needle blight on arborvitae

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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