

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 27 through September 2, 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 | | | |
| Norway Maple | Cultural/Environmental stress (suspected) | None | Champaign |
| Black Oak | Fungal cankers | Various fungi | Saint Louis, MO |
| | Oak twig canker and dieback | <i>Botryosphaeria quercuum</i> | Saint Louis, MO |
| | Oak skeletonizer | <i>Bucculatrix ainliella</i> | Saint Louis, MO |
| | Cultural/Environmental stress (suspected) | None | Saint Louis, MO |
| Northern Red Oak | Oak leaf blister | <i>Taphrina caerulescens</i> | Peoria |
| | Fungal cankers | Various fungi | Peoria |
| | Cultural/Environmental stress (suspected) | None | Champaign |
| Swamp White Oak | Tatters | None | Champaign |
| Red Oaks | Fungal cankers | Various fungi | McLean |
| | Cultural/Environmental stress (suspected) | None | McLean |
| White Oaks | Oak bullet gall wasp | <i>Disholcaspis globulus</i> | Macon |
| | Oak skeletonizer | <i>Bucculatrix ainliella</i> | Macon |
| | Twospotted spider mite | <i>Tetranychus urticae</i> | Macon |
| Herbaceous Ornamentals | | | |
| Butterflyweed | Twospotted spider mite | <i>Tetranychus urticae</i> | Lake |
| Common Milkweed | Milkweed Yellows (suspected) | Candidatus Phytoplasma 16SrIII) | Lake |
| Swamp Milkweed | Milkweed Yellows (suspected) | Candidatus Phytoplasma 16SrIII) | Lake |
| Fruits and Vegetables | | | |
| Tomato | Plant growth regulator herbicide (suspected) | None | Champaign |

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| Field Crops | | | |
|-------------|----------------------------------|---|---|
| Corn | Common Rust | <i>Puccinia sorghi</i> | Cass, Champaign, Christian, Macon, McLean |
| | Common Smut | <i>Ustilago maydis</i> | Christian, Macon, McLean |
| | Eyespot | <i>Kabatiella zeae</i> | Champaign |
| | Gray Leaf Spot | <i>Cercospora zeae-maydis</i> | Macon, McLean |
| | Corn Tar Spot | <i>Phyllachora maydis</i> | Tama, IA |
| | Northern Corn Leaf Blight | <i>Exserohilum turcicum</i> | Macon, McLean |
| | Northern Corn Leaf Spot | <i>Bipolaris zeicola</i> | Cass, Christian, Macon, Tazewell |
| | Physoderma Brown Spot | <i>Physoderma maydis</i> | Champaign, Macon |
| | Southern Corn Leaf Blight | <i>Bipolaris maydis</i> | McLean |
| | Yellow Leaf Blight | <i>Phyllosticta maydis</i> | Bureau, Champaign, Christian, Macon, McLean |
| Soybean | Anthracnose | <i>Colletotrichum truncatum</i> | Effingham |
| | Bacterial Blight | <i>Pseudomonas syringae</i> pv. <i>glycinea</i> | Champaign, Effingham |
| | Brown Spot | <i>Septoria glycines</i> | Champaign, Effingham |
| | Downy Mildew | <i>Peronospora manshurica</i> | Champaign, Logan |
| | Frogeye Leaf Spot | <i>Cercospora sojina</i> | Champaign, Christian, Effingham |
| | Phyllosticta Leaf Blight | <i>Phyllosticta sojicola</i> | Effingham, Logan |
| | Phytophthora crown/stem/root rot | <i>Phytophthora</i> sp./spp. | Scott, IA |
| | Pod and Stem Blight | <i>Diaporthe phaseolorum</i> var. <i>sojae</i> | Effingham, McDonough |
| | Purple Leaf Blight | <i>Cercospora kikuchii</i> | Champaign, Christian, DeWitt, Mason |
| | Rhizoctonia root rot | <i>Rhizoctonia</i> sp./spp. | Effingham |
| | Soybean Cyst Nematode | <i>Heterodera glyines</i> | Henderson, McDonough |
| | Sudden Death Syndrome | <i>Fusarium virguliforme</i> | Effingham, Henderson, McDonough |
| | SVNV | Soybean Vein Necrosis Virus | Champaign, 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.

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