

Cooperative Extension---The Pennsylvania State University

Plant Disease Facts

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BAPTISIA DISEASES

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<u>DISEASE</u>	<u>SYMPTOMS</u>	<u>PATHOGEN/CAUSE</u>	<u>MANAGEMENT</u>
Cylindrocladium stem rot	Stems and lower leaves become very dark brown to black.	<i>Cylindrocladium</i>	This disease occurs during propagation of plants from cuttings. When affected cuttings are placed on a wet paper towel in a plastic bag for a few days, many light colored spores form on the infected tissue. Use pathogen-free rooting soil. Take cuttings from healthy plants.
Leaf spots	Dark brown spots spread to engulf the entire leaf.	<i>Cercospora</i> , <i>Marssonina</i> , <i>Septoria</i> , <i>Stagonospora</i>	Avoid sprinkler irrigation.
Powdery mildew	White fungal growth develops on the surface of leaves.	<i>Erysiphe</i> or <i>Micosphaera</i>	No control is available.
Rhizoctonia stem rot	Dark dead areas develop on the stems.	<i>Rhizoctonia</i>	This disease occurs during cutting propagation. When affected cuttings are placed on a wet paper towel in a plastic bag for a few days, web-like strands of fungal growth extends from the infected tissue to the towel surface. Use pathogen-free rooting soil. Take cuttings from healthy plants.
Rust	Reddish brown dusty spores form on the leaves.	<i>Puccinia andropogonis</i>	This fungus also infects <i>Oxalis</i> , <i>Penstemon</i> , <i>Mumulus</i> , lupines, <i>Baptisia</i> , and <i>Aesculus</i> .



Cylindrocladium stem rot



Rhizoctonia stem rot

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Issued in furtherance of Cooperative Extension work, Acts of Congress, May 8 and June 30, 1914, in cooperation with the U. S. Department of Agriculture and the Pennsylvania Legislature. D. Jackson, Director of the Cooperative Extension Service, The Pennsylvania State University.

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