

## Plant Diseases (Confirmed and Suspected) in Lee, Collier and Charlotte Counties: June – September, 2009

Below is a list of confirmed and suspected plant diseases as reported by the University of Florida Plant Disease Clinic in Gainesville, Florida. The analyses are primarily of ornamental plants. Disease diagnostic is a useful tool in determining why a plant has declined and what fungicide to use in its recovery. In some cases, no pathogens were found on samples sent to the clinic. The decline of these plants was attributed to abiotic (non-living) factors. These factors, also known as stresses, include too little or too much water, constricted roots, compacted soils, over-pruning, excess fertilization, and more.

Common Name	Botanical Name	Pathogen Confirmed	Pathogen Suspected	No Pathogen Found (abiotic)	County of Sample
Arugula	<i>Eruca sativa</i>	Bacterial Leaf Spot			Collier
Bahiagrass	<i>Paspalum notatum</i>		Red Leaf and Sheath Spot (4 suspected reports)		Lee
Bahiagrass	<i>Paspalum notatum</i>	Rhizoctonia Root Rot			Collier
Bermudagrass	<i>Cynodon spp.</i>	Bipolaris Leaf Spot			Lee
Bermudagrass	<i>Cynodon spp.</i>	Bermudagrass Decline			Lee
Bermudagrass	<i>Cynodon spp.</i>	Pythium Blight			Lee
Bermudagrass	<i>Cynodon spp.</i>	Pythium Blight (2 confirmed samples)			Collier
Bermudagrass	<i>Cynodon spp.</i>	Leaf and Sheath Spot			Lee
Bermudagrass	<i>Cynodon spp.</i>	Leaf and Sheath Spot			Collier
Bermudagrass	<i>Cynodon spp.</i>	Take-all Root Rot (2 confirmed samples)			Collier
Bermudagrass	<i>Cynodon spp.</i>			X	Lee
Bird of Paradise	<i>Strelitzia reginae</i>	Cylindrocladium Leaf Spot			Lee
Bougainvillea	<i>Bougainvillea glabra</i>	Stem blight/dieback; <i>Alternaria sp.</i>			Lee
Canary Island Date Palm	<i>Phoenix canariensis</i>	Rachis Blight			Lee
Canary Island Date Palm	<i>Phoenix canariensis</i>	Wood Rot Fungus			Collier
Cassie	<i>Acacia tortuosa</i>			X	Lee
Coconut Palm	<i>Cocos nucifera</i>	Phomopsis Blight (base of frond) <i>Phomopsis sp./spp</i>			Lee
Coconut Palm	<i>Cocos nucifera</i>			2 negative samples	Lee
Coconut Palm	<i>Cocos nucifera</i>		Ganoderma Butt Rot		Collier
Dwarf Schefflera	<i>Schefflera arboricola</i>	Anthracnose; <i>Colletotrichum sp.</i>			Lee
Dwarf Schefflera	<i>Schefflera arboricola</i>			X	Lee

Common Name	Botanical Name	Pathogen Confirmed	Pathogen Suspected	No Pathogen Found (abiotic)	County of Sample
Glossy Shower	<i>Senna surattensis</i>			2 negative samples	Lee
Hibiscus	<i>Hibiscus rosa-sinensis</i>			X	Lee
Japanese Yew	<i>Taxus cuspidata</i>	Phomopsis Dieback			Lee
Railroad Vine	<i>Ipomoea pes-caprae</i>	White Rust <i>Albugo ipomoeae - panduratae</i>			Lee
Royal Palm	<i>Roystonea regia</i>			2 negative samples	Lee
Southern Bayberry	<i>Myrica cerifera</i>			X	Lee
St. Augustinegrass	<i>Stenotaphrum secundatum</i>	Brown Patch <i>Rhizoctonia solani</i>			Lee
St. Augustinegrass	<i>Stenotaphrum secundatum</i>	Brown Patch <i>Rhizoctonia solani</i> (2 confirmed samples)			Charlotte
St. Augustinegrass	<i>Stenotaphrum secundatum</i>	Gray Leaf Spot <i>Pyricularia grisea</i>			Lee
St. Augustinegrass	<i>Stenotaphrum secundatum</i>	Pythium Root Rot (2 confirmed samples)			Lee
St. Augustinegrass	<i>Stenotaphrum secundatum</i>	Pythium Root Rot			Charlotte
St. Augustinegrass	<i>Stenotaphrum secundatum</i>	Take-all Root Rot			Lee
St. Augustinegrass	<i>Stenotaphrum secundatum</i>			X	Lee
Sunflower	<i>Helianthus annuus</i>			Herbicide Injury	Charlotte
Tomato	<i>Solanum lycopersicum</i>		Bacterial Blight		Collier
Viburnum Awabuki	<i>Viburnum odoratissimum awabuki</i>	Anthraco-nose; <i>Colletotrichum sp.</i>			Lee
Walter's Viburnum	<i>Viburnum obovatum</i>	Pestalotiopsis Leaf Spot			Lee
Walter's Viburnum	<i>Viburnum obovatum</i>	Rhizoctonia Root Rot			Lee
Washington Palm	<i>Washingtonia robusta</i>	Phomopsis Dieback			Lee
Washington Palm	<i>Washingtonia robusta</i>			2 negative samples	Lee
Zoysiagrass	<i>Zoysia spp.</i>	Brown Patch <i>Rhizoctonia solani</i>			Charlotte
Zoysiagrass	<i>Zoysia spp.</i>	Fusarium Root Rot <i>Alternaria sp.</i>			Lee

Submit your plant samples to the Extension Plant Disease Clinic by completing the Plant Disease Diagnosis Form and following the instructions of submission. Click on the link below for more information.

[http://plantpath.ifas.ufl.edu/pdc/submission\\_forms/PDC\\_submission\\_form.pdf](http://plantpath.ifas.ufl.edu/pdc/submission_forms/PDC_submission_form.pdf)

This fact sheet was reviewed by Dr. Philip Harmon, Plant Pathologist, University of Florida, Gainesville.

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