Cornell University Plant Disease Diagnostic Clinic

Diagnostic Review Report

Time Period Report for March 4 th through March 11 th , 2013				Confidence (to genus)			
Host		Diagnosis	pa	ted	pe	ive	
Scientific Name	Common Name	Diagnosis This section reports samples from all statuses. Each sample may have one or more diagnosis or identification; hence this section does not represent the total number of samples	Confirmed	Not Detected	Suspected	Inconclusive	
Buxus sempervirens	Common Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria (ana. Cylindrocladium) pseudonaviculata (pseudonaviculatum))	1	0	0	0	
Capsicum annuum	Pepper	Mite Damage (Unidentified Mite)	0	0	1	0	
Capsicum annuum	Pepper	No Pathogen Found (Identification Analysis)	3	0	0	0	
Capsicum annuum	Pepper	Nutrient Imbalance (Abiotic disorder)	0	0	3	0	
Capsicum annuum	Pepper	Oedema; Edema (Abiotic disorder)	2	0	0	0	
Ilex glabra	Inkberry	Black root Rot (Thielaviopsis (Chalara) basicola (elegans))	1	0	0	0	
Lycopersicon esculentum	Tomato	Moisture Stress (Abiotic disorder)	0	0	1	0	
Lycopersicon esculentum	Tomato	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	2	0	0	0	
Lycopersicon esculentum	Tomato	Nutrient Imbalance (Abiotic disorder)	0	0	1	0	
Lycopersicon esculentum	Tomato	Oedema; Edema (Abiotic disorder)	1	0	0	0	
Solanum tuberosum	Potato	Dry Rot (Gliocladium roseum)	1	0	0	0	
Solanum tuberosum	Potato	Potato Black Dot (Colletotrichum coccodes)	1	0	0	0	

Confirmed - The diagnosis was derived using approved molecular technologies, serological testing and/or morphological observations which allowed for the confirmation of the organism to Genus, species and/or race or pathovar level.

Not Detected -The sample was submitted as a suspect sample or as part of survey project. The pathogen was not detected on this sample at this time using approved molecular technologies, serological testing and/or morphological observations.

Suspected - Diagnostic symptoms of the pathogen were present but evidence of the pathogen could not be confirmed at this time. This term may also be used at the species level if confirmations cannot be made. This term may also be used with abiotic entries.

Inconclusive - Although a suitable sample was received, a reliable result could not be achieved. For example, the test kit may have not worked correctly and there was no sample material remaining to perform the test again. Or, no DNA was detected in a PCR analysis. Inhibitors may have been present in the sample. A second attempt may have been made with the same results. The only conclusion is to label the sample as inconclusive.

Cornell University Plant Disease Diagnostic Clinic

Diagnostic Review Report

Confirmed - The diagnosis was derived using approved molecular technologies, serological testing and/or morphological observations which allowed for the confirmation of the organism to Genus, species and/or race or pathovar level.

Not Detected -The sample was submitted as a suspect sample or as part of survey project. The pathogen was not detected on this sample at this time using approved molecular technologies, serological testing and/or morphological observations.

Suspected - Diagnostic symptoms of the pathogen were present but evidence of the pathogen could not be confirmed at this time. This term may also be used at the species level if confirmations cannot be made. This term may also be used with abiotic entries.

Inconclusive - Although a suitable sample was received, a reliable result could not be achieved. For example, the test kit may have not worked correctly and there was no sample material remaining to perform the test again. Or, no DNA was detected in a PCR analysis. Inhibitors may have been present in the sample. A second attempt may have been made with the same results. The only conclusion is to label the sample as inconclusive.