Cornell University Plant Disease Diagnostic Clinic

Celosia sp./spp.

Cockscomb;

Celosia

Diagnostic Review Report

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	Corneii	University Plant Disease Diagnostic Clinic	Diagnostic Review Report				
Host		Diagnosis		Confidence (to genus)			
Scientific Name	Common Name	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
		Time Period Report for January 8 th through Janua	ry 21 st 2018				
Begonia x rex- cultorum	Rex Begonia	Bacterial blight (Xanthomonas sp./spp.)		0	6	0	0
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Cylindrocladium pseudonaviculatum)		1	0	0	0
Celosia sp./spp.	Cockscomb; Celosia	Alternanthera mosaic (Alternanthera Mosaic Virus (AltMV))		0	2	0	0
Celosia sp./spp.	Cockscomb; Celosia	Arabis mosaic (Arabis Mosaic Virus (ARMV))		0	2	0	0
Celosia sp./spp.	Cockscomb; Celosia	Cucumber mosaic (Cucumber Mosaic Virus (CMV))		0	2	0	0
Celosia sp./spp.	Cockscomb; Celosia	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)		0	1	0	0
Celosia sp./spp.	Cockscomb; Celosia	Potyvirus Group (Potyvirus Group)		0	1	0	0
Celosia sp./spp.	Cockscomb; Celosia	Tobacco mosaic (Tobacco Mosaic Virus (TMV))		0	1	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.

Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)

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

Host		Diagnosis		Confidence (to genus)			
Scientific Name	Common Name	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		Not Detected	Suspected	Inconclusive	
Celosia sp./spp.	Cockscomb; Celosia	Unknown abiotic disorder (Abiotic disorder)		0	2	0	
Euonymus sp./spp.	Euonymus	High soil moisture (Abiotic disorder)		0	1	0	
Euonymus sp./spp.	Euonymus	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0	
Euonymus sp./spp.	Euonymus	Root damage (Abiotic disorder)		0	0	0	
Pachysandra sp./spp.	Pachysandra	High soil moisture (Abiotic disorder)		0	1	0	
Pachysandra sp./spp.	Pachysandra	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0	
Pieris japonica	Japanese Andromeda	High soil moisture (Abiotic disorder)		0	1	0	
Pieris japonica	Japanese Andromeda	Mycorrhizal fungus (Unidentified Fungus)		0	1	0	
Pieris japonica	Japanese Andromeda	No pathogen found (Identification Analysis)		0	0	0	

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