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	
		Time Period Report for May 17 th through June 1 st 2020					
Buxus sp./spp. Boxwood Boxwood leafminer (Monarthropalpus flavus (buxi))		2	0	0	0		
Buxus sp./spp.	Boxwood	Boxwood mite (Eurytetranychus buxi)	0	0	1	0	
Buxus sp./spp.	Boxwood	Moisture stress (Abiotic disorder)		0	1	0	
Buxus sp./spp.	Boxwood	No pathogen found (Identification Analysis)		0	0	0	
Buxus sp./spp.	Boxwood	Nutrient imbalance (Abiotic disorder)	0	0	1	0	
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (<i>Volutella</i> sp./spp.)		0	0	0	
Buxus sp./spp.	Boxwood	Winter injury (Abiotic disorder)		0	3	0	
<i>Hydrangea</i> sp./spp.	Hydrangea	Hydrangea chlorotic mottle (Hydrangea Chlorotic Mottle Carlavirus (HdCMV))		0	1	0	
Nasturtium officinale	Watercress	Mold; Mildew (<i>Penicillium</i> sp./spp.)		0	0	0	
Nasturtium officinale	Watercress	Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)		0	0	0	
Nasturtium officinale	Watercress	Rhizoctonia stem and root rot (<i>Rhizoctonia</i> sp./spp.)	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.

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Nasturtium officinale	Watercress Unidentified bacteria (Unidentified Bacteria)		1	0	0	0		
Nasturtium officinale	Watercress	Unspecified pathology (<i>Mucor sp./spp.</i>)		1	0	0	0	
Ocimum basilicum	Sweet Basil	Refer'd to private testing lab (Identification Analysis)		1	0	0	0	
Ocimum basilicum	Sweet Basil	Tobacco mosaic (Tobacco Mosaic Virus (TMV))		0	0	0	1	
Ocimum basilicum	Sweet Basil	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)		0	1	0	0	
Ocimum basilicum	Sweet Basil	Unidentified virus (Unidentified Virus)		0	0	1	0	
Picea glauca	White Spruce	Spruce spider mite (Oligonychus ununguis)		0	0	2	0	
Picea glauca	White Spruce	Stigmina needle blight (<i>Stigmina lautii</i>)		2	0	0	0	
Picea glauca	White Spruce	Unspecified pathology (<i>Rhizosphaera</i> sp./spp.)		2	0	0	0	
Picea pungens	Blue Spruce	Moisture stress (Abiotic disorder)		0	0	1	0	
Picea pungens	Blue Spruce	No pathogen found (Identification Analysis)		2	0	0	0	
Picea pungens	Blue Spruce	Root damage (Abiotic disorder)		0	0	2	0	
Picea pungens	Blue Spruce	Winter injury (Abiotic disorder)		0	0	1	0	

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Populus sp./spp.	Poplar	Cytospora canker; Dieback (<i>Cytospora</i> sp./spp.)			0	0	0
Populus sp./spp.	Poplar	Dothichiza canker (<i>Plagiostoma populea</i>)		1	0	0	0
Senecio candicans	Angel Wings	Tomato spotted wilt (Tomato Spotted Wilt Virus (TSWV))		1	0	0	0
Tulipa spp.	Tulips	Tulip fire; Blight (Botrytis tulipae)		3	0	0	0
Ulmus sp./spp.	Elm	Dutch elm disease (<i>Ophiostoma</i> sp./spp.)		1	0	0	0
Zinnia sp./spp. hybrids	Zinnia	Cucumber mosaic (CMV) (Cucumovirus Cucumber Mosaic Virus)		0	1	0	0
Zinnia sp./spp. hybrids	Zinnia	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)		0	1	0	0
Zinnia sp./spp. hybrids	Zinnia	Refer'd to private testing lab (Identification Analysis)		1	0	0	0
Zinnia sp./spp. hybrids	Zinnia	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)		0	1	0	0
Zinnia sp./spp. hybrids	Zinnia	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)		0	1	0	0

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