Diagnostic Review Report

	<u> </u>	Offiversity Flant Disease Diagnostic Chilic	Diagnostic Neview Neport					
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 April 16 th through April 3	30 th , 2022					
Abies sp./spp.	Fir	Balsam fir bark beetle (Pityokteines sparsus)		0	0	1	0	
Abies sp./spp.	Fir	Fungal wood rot (Schizophyllum commune)		1	0	0	0	
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)		1	0	0	0	
Buxus sp./spp.	Boxwood	Boxwood mite (Eurytetranychus buxi)		0	0	1	0	
Buxus sp./spp.	Boxwood	Dieback (Colletotrichum theobromicola)		1	0	0	0	
Buxus sp./spp.	Boxwood	Fusarium canker (Fusarium sp./spp.)		1	0	0	0	
Buxus sp./spp.	Boxwood	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspe	cif.)	1	0	0	0	
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (Volutella sp./spp.)		1	0	0	0	
Buxus sp./spp.	Boxwood	Winter injury (Abiotic disorder)		0	0	1	0	
Calibrachoa sp./spp.	Million Bells	Aphids; Plant lice (Family Aphididae)		1	0	0	0	
Calibrachoa sp./spp.	Million Bells	Chili pepper mild mottle (CPMMoV) (Tobamovirus Chili Pepper Mild I	Mottle Virus)	0	0	2	0	
Calibrachoa sp./spp.	Million Bells	Cucumber mosaic (CMV) (Cucumovirus Cucumber Mosaic Virus)		0	1	0	0	
Calibrachoa sp./spp.	Million Bells	Tobamovirus Group (Tobamovirus Group)		2	2	0	0	
Euphorbia sp./spp.	Euphorbia	No pathogen found (Identification Analysis)		1	0	0	0	
Euphorbia sp./spp.	Euphorbia	Normal plant growth (Identification Analysis)		0	0	1	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.

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			
Euphorbia sp./spp.	Euphorbia	Potyvirus Group (<i>Potyvirus</i> sp./spp.)	0	1	0	0			
Juniperus sp./spp.	Juniper	Juniper scale (Carulaspis juniperi)	0	0	1	0			
Juniperus sp./spp.	Juniper	Unidentified fungus (Unidentified Fungus)	1	0	0	0			
Juniperus sp./spp.	Juniper	Wood boring insect damage (Class Insecta)	1	0	0	0			
Ocimum basilicum	Sweet Basil	Bacterial leaf spot (<i>Pseudomonas cichorii</i>)	1	0	0	0			
Pelargonium sp./spp.	Geranium (cultivated)	Geranium bacterial wilt; Bacteria blight (Xanthomonas hortorum (campestris) pv. pelargonii)		3	0	0			
Pelargonium sp./spp.	Geranium (cultivated)	Nutrient imbalance (Abiotic disorder)	0	0	2	0			
Pelargonium sp./spp.	Geranium (cultivated)	Root damage (Abiotic disorder)		0	0	0			
Petunia sp./spp. hybrids	Petunias	Chemical injury (Abiotic disorder)	0	0	1	0			
Petunia sp./spp.	Petunias	Chili pepper mild mottle (CPMMoV) (Tobamovirus Chili Pepper Mild Mottle Virus)	0	0	2	0			
Petunia sp./spp.	Petunias	Nutrient imbalance (Abiotic disorder)	0	0	1	0			
Petunia sp./spp. hybrids	Petunias	Tobamovirus Group (Tobamovirus Group)	4	3	0	0			
Picea abies	Norway Spruce	Eastern spruce gall adelgid (Adelges abietis)	0	0	1	0			
Picea abies	Norway Spruce	Norway spruce shoot gall midge (Piceacecis abietiperda)	0	0	2	0			
Picea abies	Norway Spruce	Stigmina needle blight (Stigmina lautii)	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.

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	
Picea abies Norway Spruce Unspecified pathology (Phomopsis sp./spp.)						0	0	
Picea pungens	Blue Spruce	Moisture stress (Abiotic disorder)		0	0	1	0	
Picea pungens	Blue Spruce	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Picea pungens	Blue Spruce	Nutrient imbalance (Abiotic disorder)		0	0	1	0	
Portulaca sp./spp.	Purslane; Rose moss	Alternanthera mosaic (AltMV) (Potexvirus Alternanthera Mosaic Virus)		1	0	0	0	
Portulaca sp./spp.	Purslane; Rose moss	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)		0	1	0	0	
Portulaca sp./spp.	Purslane; Rose moss	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)		0	1	0	0	
Quercus falcata	Red Oak	White trunk rot; Heart rot (<i>Phellinus igniarius</i>)		0	0	1	0	
Quercus phellos	Willow Oak	Ganoderma root rot (Ganoderma sessile)		1	0	0	0	
Querus rubra	Northern Red oak	Wood rot fungus; Dryadeus root rot (Inonotus dryadeus)		0	0	1	0	
Scaevola aemula	Scaevola; Fairy fanflower	Chemical injury (Abiotic disorder)		0	0	1	0	
Solanum lycopersicum	Tomato	Oedema; Edema (Abiotic disorder)		2	0	0	0	
Solanum lycopersicum	Tomato	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)		0	3	0	0	
Solanum lycopersicum	Tomato	Unknown abiotic disorder (Abiotic disorder)		0	0	1	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.

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		
Solanum tuberosum	Potato	Internal browning; Brown spot (Abiotic disorder)	0	0	1	0		
Solanum tuberosum	Potato	Physiological responses (Abiotic disorder)	0	0	1	0		
Solanum tuberosum	Potato	Tuber rot (<i>Phytophthora</i> sp./spp.)	0	1	0	0		
Tagetes sp./spp.	Marigold	No pathogen found (Identification Analysis)	1	0	0	0		
Tagetes sp./spp.	Marigold	Normal plant growth (Identification Analysis)	0	0	1	0		
Ulmus alata	Winged Elm	White trunk rot; Heart rot (<i>Phellinus igniarius</i>)	0	0	1	0		
Verbena sp./spp.	Verbena	Chemical injury (Abiotic disorder)	0	0	1	0		
Verbena sp./spp.	Verbena	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)	1	1	0	0		
Verbena sp./spp.	Verbena	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)	0	1	0	0		
Verbena sp./spp.	Verbena	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	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.

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.