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 | Confirmed | Not Detected | Suspected | Inconclusive |

| | Time Period Report for November 29 th through December 12 th 2016 | | | | | | |
|--------------------------|---|---|---|---|---|---|--|
| Allium cepa | Onion | Damping off (Fusarium oxysporum) | 0 | 0 | 1 | 0 | |
| Allium cepa | Onion | Unknown abiotic disorder (Abiotic disorder) | 0 | 0 | 1 | 0 | |
| Fagus sp./spp. | Beech | Additional sample requested (Identification Analysis) | 1 | 0 | 0 | 0 | |
| Fagus sp./spp. | Beech | Wood decay fungus (Unidentified Fungus) | 1 | 0 | 0 | 0 | |
| Gleditsia triacanthos | Common Honeylocust | Mechanical damage (Abiotic disorder) | 0 | 0 | 1 | 0 | |
| Gleditsia triacanthos | Common Honeylocust | Wood decay fungus (Unidentified Fungus) | 1 | 0 | 0 | 0 | |
| Helleborus sp./spp. | Hellebore | Foliar nematodes (Aphelenchoides sp./spp.) | 1 | 0 | 0 | 0 | |
| Helleborus sp./spp. | Hellebore | Hellebore black death (Carlavirus (HeNV)) | 0 | 0 | 1 | 0 | |
| Helleborus sp./spp. | Hellebore | Spring crimp (Foliar) nematode (Aphelenchoides fragariae) | 1 | 0 | 0 | 0 | |
| Picea omorika | Serbian Spruce | Low pH; Nutrient imbalance (Abiotic disorder) | 0 | 0 | 1 | 0 | |
| Picea omorika | Serbian Spruce | No pathogen found (Identification Analysis) | 1 | 0 | 0 | 0 | |
| Quercus phellos | Willow Oak | Wood rot fungus; Dryadeus root rot (Inonotus dryadeus) | 1 | 0 | 0 | 0 | |
| Quercus rubra | Northern Red oak | Oak wilt (<i>Ceratocystis fagacearum</i>) | 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.

Cornell University Plant Disease Diagnostic Clinic Diagnostic Review Report

| Host | | t | Diagnosis | Confiden (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 | |

| Quercus rubra | Northern Red oak | Phytophthora canker (<i>Phytophthora</i> sp./spp.) | 0 | 0 | 1 | 0 |
|----------------|---------------------|--|---|---|---|---|
| Vitis sp./spp. | Grape | Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.) | 1 | 0 | 0 | 0 |
| Vitis sp./spp. | Grape | Insect damage (Unidentified Insect) | 1 | 0 | 0 | 0 |
| Vitis sp./spp. | Grape | Sour rot (Multiple Pathogens) | 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.