Cornell University Plant Disease Diagnostic Clinic

Diagnostic Review Report

| | | | 2146.1001.0110111111111111111111111111111 | 1 | | | |
|------------------------------------|----------------|---|---|--------------------------|--------------|-----------|--------------|
| 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 February 16 th through Februa | nry 22 nd , 2016 | | | | |
| Brassica oleracea acephala | Kale | Aphids (Plant Lice) (Family Aphididae) | | 1 | 0 | 0 | 0 |
| Brassica oleracea acephala | Kale | Black Spot (Alternaria brassicae) | | 1 | 0 | 1 | 0 |
| Brassica oleracea acephala | Kale | Crucifer Bacterial Black Rot (Xanthomonas campestris) | | 2 | 0 | 0 | 0 |
| Brassica oleracea var. acephala | Collards | Black Spot (Alternaria brassicae) | | 2 | 0 | 0 | 0 |
| Brassica oleracea var. acephala | Collards | Crucifer Bacterial Black Rot (Xanthomonas campestris) | | 2 | 0 | 0 | 0 |
| Brassica oleracea var. capitata | Cabbage | Alternaria Leaf Spot (<i>Alternaria</i> sp./spp.) | | 1 | 0 | 0 | 0 |
| Brassica oleracea var. capitata | Cabbage | Black Spot (Alternaria brassicae) | | 1 | 0 | 2 | 0 |
| Brassica oleracea var. capitata | Cabbage | Crucifer Bacterial Black Rot (Xanthomonas campestris) | | 4 | 0 | 0 | 0 |
| Brassica oleracea var. capitata | Cabbage | Oedema; Edema (Abiotic disorder) | | 2 | 0 | 0 | 0 |
| Quercus phellos | Willow Oak | Wood Rot Fungus; Dryadeus Root Rot (Inonotus dryadeus) | | 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.

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| Quercus virginiana | Live Oak | Kermes Scale (Kermes sp./spp.) | | 0 | 0 | 1 | 0 |
| Quercus virginiana | Live Oak | Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.) | | 1 | 0 | 0 | 0 |
| Viola sp./spp. | Violas (violet; pansy) | Black Root Rot (<i>Thielaviopsis basicola</i>) | | 1 | 0 | 0 | 0 |

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