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 March 31 st through April 6 th , 2015 | | | | | | |
|--|---------------|--|---|---|---|---|
| Begonia sp./spp. | Begonia | Cucumber Mosaic (Cucumber Mosaic Virus (CMV)) | 0 | 1 | 0 | 0 |
| Begonia sp./spp. | Begonia | Impatiens Necrotic Spot (Impatiens Necrotic Spot Virus (INSV)) | 0 | 1 | 0 | 0 |
| Begonia sp./spp. | Begonia | Nutrient Imbalance (Abiotic disorder) | 0 | 0 | 1 | 0 |
| Begonia sp./spp. | Begonia | Tomato Spotted Wilt (Tomato Spotted Wilt Virus (TSWV)) | 0 | 1 | 0 | 0 |
| Begonia sp./spp. | Begonia | Zucchini Yellow Mosaic (Zucchini Yellow Mosaic Virus (ZYMV)) | 0 | 1 | 0 | 0 |
| Calibrachoa sp./spp. | Million Bells | Chemical Injury (Abiotic disorder) | 0 | 0 | 1 | 0 |
| Calibrachoa sp./spp. | Million Bells | Impatiens Necrotic Spot (Impatiens Necrotic Spot Virus (INSV)) | 0 | 1 | 0 | 0 |
| Calibrachoa sp./spp. | Million Bells | No Pathogen Found (Identification Analysis) | 1 | 0 | 0 | C |
| Calibrachoa sp./spp. | Million Bells | Tobacco Mosaic (Tobacco Mosaic Virus (TMV)) | 0 | 1 | 0 | C |
| Calibrachoa sp./spp. | Million Bells | Tomato Spotted Wilt (Tomato Spotted Wilt Virus (TSWV)) | 0 | 1 | 0 | C |
| Impatiens sp./spp. | Impatiens sp. | Freeze; Frost; Cold Damage (Abiotic disorder) | 0 | 0 | 1 | C |

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

| Но | st | Diagnosis 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 | | Confidence (to genus) | | | |
|-------------------------|-------------|--|--|--------------------------|--------------|-----------|--------------|
| Scientific Name | Common Name | | | Confirmed | Not Detected | Suspected | Inconclusive |
| Impatiens sp./spp. | Impatiens | Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.) | | 1 | 0 | 0 | 0 |
| Impatiens sp./spp. | Impatiens | Root Damage (Abiotic disorder) | | 1 | 0 | 0 | 0 |
| Turfgrass mixed species | Turfgrass | Freeze; Frost; Cold Damage (Abiotic disorder) | | 0 | 0 | 1 | 0 |
| Turfgrass mixed species | Turfgrass | Pink Snow Mold; Fusarium Patch (Monographella nivalis) | | 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.