



Florida Department of Agriculture and Consumer Services
Division of Plant Industry
PLANT PATHOLOGY SPECIMEN REPORT

Rule 5B-2.010, F.A.C.

NICOLE "NIKKI" FRIED
COMMISSIONER

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Log #: 104833	Assoc. Log #:	Priority: Routine	Purpose: Plant Problem	Survey Code: NR,TRI								
Host Scientific Name: <i>Liriope muscari</i>												
Host Common Name: lily turf												
Owner Address: , FL		Address/Location Collected: Museum Road, Tallahassee Tallahassee, FL 32304										
County: Telephone: E-mail:		County: Leon TRS: Lat: 30.411 Grove Block: Multiblock(s): Long: -84.344										
Date Collected: 07/28/2020		Date Sent: 07/28/2020		Date Received: 07/29/2020								
Collector(s): Austin Fife		Sender(s): Austin Fife										
Total Number of Plants: 30		Plants with Symptoms: 30										
Total Acres:		Total Acres with Symptoms:										
Parts Involved:												
Sender's/Collector's Remarks: Yellow ringspots? As discussed in email.												
Diagnosis: <table border="0"><tr><td>Rank</td><td>Type</td><td>Disease/Agent</td><td>Agent Detail</td></tr><tr><td></td><td>Biotic</td><td>Orchid fleck virus</td><td><i>Dichorhavirus orchid fleck virus</i></td></tr></table>					Rank	Type	Disease/Agent	Agent Detail		Biotic	Orchid fleck virus	<i>Dichorhavirus orchid fleck virus</i>
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	Biotic	Orchid fleck virus	<i>Dichorhavirus orchid fleck virus</i>									
Diagnosis Comments: Tested positive for Orchid fleck virus in DNA testing. Confirmed by sequencing. It tested negative for Potyvirus in serological assay. Note 1: This appears to be the first report of this virus in Liriope muscari in United States. The only other report was from Australia in 2016. The vector is the mite, Brevipalpus sp. Note 2: I am attaching this report for our inspectors to have it independently sampled.												
Determiner(s): K. Dey		Recipients: Austin Fife, Michael A Bentley, Mathew Paret, Kelly K Douglas, Larry L Violet, New Records, Triology		Date Completed: 08/06/2020								