



# THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

## DIAGNOSTIC REPORT

Sample#	201600132
Field ID	
Host	Daffodil
Received Date	4/22/2016
County	
State	

Contact:

### Diagnosis and Recommendations

Host/Habitat	Daffodil (Narcissus pseudonarcissus)
<i>List of Diagnosis/ID(s)</i>	
Confirmed for Bulb; Stem Nematodes ( <i>Ditylenchus</i> sp./spp.)	

### Final Report

We were definitely able to recover stem/bulb nematode, *Ditylenchus* sp., from the daffodil sample. Following injury by the nematode various rots and decays, both fungal and bacterial, can invade the injured tissues.

As a competitive grower of daffodils I suspect you are very well acquainted with management strategies for this nematode. The University of California has information here: <http://www.ipm.ucdavis.edu/PMG/r280112311.html>. You will have to remove and destroy the affected bulbs and plants as well as those immediately surrounding them. UC says not to plant daffodils in the affected area (s) for at least 3 years. In regard to the heat treatment I suspect it is for commercial producers with special equipment but if you want to try it note that the heat treatment can affect flower formation and plant growth.

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Diagnosed By :  
Nancy J. Taylor (taylor.8@osu.edu)  
Completed Date: 5/11/2016

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