



Virginia Cooperative Extension

Virginia Tech • Virginia State University

Revised 2007

Publication 450-901

Nematode Diagnostic Assay Report

(For use with plant samples thought to be showing symptoms of nematode-incited disease)

ADEQUATE SAMPLES REQUIRE A MINIMUM OF 1 PINT OF SOIL

Grower: _____ County: _____

Address: _____ Field Identification No.: _____

Phone: _____ Date Sampled: _____

Disease Symptoms:

Above Ground:

- Yellowing
- Necrosis
- Stunting
- Wilting

Below Ground:

- Galls
- Excessive Branching
- Rot
- Reduced Growth

Prevalence of Symptoms:

- Entire Planting
- Localized Areas
- Scattered Plants

Cropping History: Future Crop: _____ Acreage: _____

Present Crop: _____ Nematicides Applied: _____

Past Crop: _____

Location:

- Field
- Orchard
- Vineyard
- Nursery
- Greenhouse
- Sod Farm
- Golf Course
- Lawn
- Garden
- Landscape

Extension Agent: _____ Phone: _____ E-mail: _____

Nematode Analysis Report

Date Received: _____ Date Processed: _____ Sample Condition: _____

Sample Lab No.: _____ Counted By: _____ Date: _____

Nematodes Present in 500cc of soil:

<input type="text"/>	<i>Pratylenchus</i> (Lesion)	<input type="text"/>	<i>Trichodorus</i> (Stubby Root)	<input type="text"/>	<i>Mesocriconema</i> (Ring)
<input type="text"/>	<i>Meloidogyne</i> (Root-Knot)	<input type="text"/>	<i>Xiphinema</i> (Dagger)	<input type="text"/>	<i>Belonolaimus</i> (Sting)
<input type="text"/>	<i>Heterodera</i> (SCN Juveniles)	<input type="text"/>	<i>Tylenchorhynchus</i> (Stunt)	<input type="text"/>	<i>Paratylenchus</i> (Pin)
<input type="text"/>	(Cysts)	<input type="text"/>	<i>Helicotylenchus</i> (Spiral)	<input type="text"/>	<i>Hemicycliophora</i> (Sheath)
<input type="text"/>	<i>Globodera</i> (TCN Juveniles)	<input type="text"/>	<i>Hoplolaimus</i> (Lance)	<input type="text"/>	Others
<input type="text"/>	(Cysts)				

Recommendation:

- A Nematode problem not detected:
- B Possible nematode problem
- C Nematodes are a problem; control options are advisable:

Specific Remarks:

www.ext.vt.edu

Produced by Communications and Marketing, College of Agriculture and Life Sciences, Virginia Tech, 2016

Virginia Cooperative Extension programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law. An equal opportunity/affirmative action employer. Issued in furtherance of Cooperative Extension work, Virginia Polytechnic Institute and State University, Virginia State University, and the U.S. Department of Agriculture cooperating. Edwin J. Jones, Director, Virginia Cooperative Extension, Virginia Tech, Blacksburg; M. Ray McKinnie, Interim Administrator, 1890 Extension Program, Virginia State University, Petersburg.

VT/0316/ENTO-197NP