

OREGON STATE UNIVERSITY PLANT-PARASITIC NEMATODE TEST FORM

1089 Cordley Hall, Corvallis, OR 97331-2903. (541) 737-5540

See next page for sampling instructions, service descriptions, and test fees

SUBMITTER AND GROWER INFORMATION

Submitter: please complete

This is Your Address Label	Date submitted:	LAB USE ONLY
Name/Co.	Phone () Fax	Rec'd.
Address	Grower	Fee Invoice
City/State/Zip	County	Reply
		Paid Doc

SAMPLE INFORMATION

Submitter: please complete

RESULTS: Lab use only

All plant-parasitic nematodes are reported.

LAB USE ONLY	SAMPLE INFORMATION							RESULTS: Lab use only					
PCN No.	Sample Number	<u>Field Identification</u>		<u>Sample type:</u> Check box(es)			<u>Crops</u>		<i>Pratylenchus:</i> Lesion nematode	<i>Paratylenchus</i> Pin nematode	<i>Meloidogyne:</i> Root-knot nematode		
		Area/ Description	Soil	Roots	Sp. ID	Recent	Current/ Future						

Soil sample results are reported as nematodes/100 grams soil corrected for soil moisture. Multiply this number by 20 for nematodes/"quart" (2000 g).
 Root sample results are reported as nematodes/g fresh root.

,Nematologist.

Oregon State University Nematode Testing Lab
(541)737-5540

Collecting and Mailing Nematode Test Samples

Nematode tests rely on live nematodes' emergence from soils and plant material. Samples must be kept away from heat and at original moisture content for successful testing

Soil

1. Prepare a composite soil sample from at least 20 locations within the sampling area. Take these subsamples from the top 12 inches of soil with a soil sampling tube, trowel, or shovel. Mix the sample thoroughly.
2. Put ONE PINT (500 cubic centimeters) of composite sample in a soil sample bag or heavy plastic bag. Seal and label the bag.

Roots

1. Obtain root subsamples from at least five (preferably more) locations within the sampling area.
2. Place root sample in a labeled sample bag or heavy plastic bag, or in the same bag as a soil sample from the same sampling area. Seal and label the bag.

Species identification:

For routine tests, nematodes are reported by genus (i.e., *Pratylenchus*, *Meloidogyne*). When species identification is requested, nematodes are reported by species (i.e., *Pratylenchus neglectus*, *Meloidogyne hapa*). For species identification, check the appropriate box. See fees below.

Labeling

Include the nematode test form in shipment with samples. Do not rely on just the mailing label for identification. Avoid putting the nematode test form or a paper label in the bag with the soil or roots because it will disintegrate. This original form will be returned to you with results.

FEES

Statutory Authority: ORS 351. Filed and Effective June 22, 1976. Revised 1998

Nematodes identified to genus

Source of Sample	Soil test Only	Root test Only	Combined Soil & Roots
Growers, processors, industry	\$25.00	\$25.00	\$35.00
OSU Extension and Research (demo, research, or survey plots)	20.00	20.00	30.00

Send samples to: **Nematode Testing Service**
Oregon State University
1089 Cordley Hall
Corvallis, OR 97331-2903
Attention: Kathy Merrifield

Species identification

\$10.00 per species per sample (soil + roots = 2 samples) in addition to applicable base fee.

Other services

Phone (541)737-5540 for pricing and sampling information regarding foliar extraction, cyst extraction, root-knot nematode bioassay, seed gall nematode examination, assessments of non-plant parasites, and other services.

Please make checks payable to OSU Nematode Testing Service.

and refer to the invoice number on the front of the completed test form.

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