SCN sampling is funded by the Michigan Soybean Promotion Committee through the soybean checkoff.

A: Always place soil and root samples for SCN in the plastic bag provided and keep cool.

B: During the growing season, collect samples from margins of diseased areas and inspect roots for SCN females.

C: Following harvest or before planting, collect multiple soil cores (50-100) at random by walking in a Z- or W-shaped pattern. Mix soil in pail and fill bag with about 1 quart.

D: The Nematode Lab at MSU recommends fields are tested for SCN the fall before every soybean crop.

E: Refer to MSU Ag Facts E-2199 for more details.

SCN SAMPLING INSTRUCTIONS:

1. Deliver or mail (in corrugated box) to:
   Diagnostic Services
   578 Wilson Rd., Room #107
   Michigan State University
   East Lansing, MI 48824-6469

2. Deliver to your local MSUE Office

FREE ANALYSIS

Cyst Nematode

MUST Have Complete Farmer Name and Address

For Free Analysis

Michigan Soybean Promotion Committee
michigansoybean.org

Take the test. Beat the pest.
The Soybean Cyst Nematode (SCN) is a major limiting factor in Michigan's soybean production. It's imperative that problem fields are identified for proper management of this important soybean pathogen. Identification of SCN requires inspection of root tissue and submission of soil samples to a diagnostic laboratory such as the one at MSU. Cysts are extracted from the soil to estimate the numbers of eggs and juveniles present, so risk to subsequent soybean crops can be assessed. Recommendations for management are derived from this information.

Because sampling is necessary for SCN identification, the Michigan Soybean Promotion Committee will pay the analysis costs of samples submitted to the MSU program. Please fill out the form completely (one per sample) and either deliver or mail samples to MSU Plant & Pest Diagnostics, 578 Wilson Rd., Michigan State University, East Lansing, MI 48824-6469 (517.355.4536) or deliver the sample to your local MSUE office. Sample results will be returned as quickly as possible. Details for nematode sample collection and care are outlined in MSU Ag Facts Bulletins E-2199 and E-2200 and also on the back of this flyer.

* The normal $40 SCN Type Test fee will be paid for with MSPC checkoff dollars.

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### SAMPLE RESULTS  do not write below dotted line: lab use only

<table>
<thead>
<tr>
<th>Nematodes</th>
<th>Soil1</th>
<th>Roots2</th>
<th>Risk3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean Cyst</td>
<td>Cysts</td>
<td>Eggs</td>
<td>J2s</td>
</tr>
<tr>
<td>Lesion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Root-Knot</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lance</td>
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<tr>
<td>Dagger</td>
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<td>Stunt</td>
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<td></td>
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<tr>
<td>Pin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spiral</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Number per 100cm³ soil
2. Number per 1.0g root tissue
3. Risk ratings: 0 = none; 1 = low; 2 = moderate; 3 = high

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Nematode Diagnostician