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 the samples to Diagnostic Services, 578 Wilson Rd., Michigan State University, East Lansing, MI 48824-6469 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.

### GROWER INFORMATION

Name __________________________________________  Number of soybean crops grown in this field in last 20 years? __________
Address ________________________________  Have SCN resistant varieties been grown in this field? YES NO
City ____________ Zip __________
County ______________________________________
Phone _________________________________
Email ____________________________________
Field I.D. ________ No. Acres ____________
Present Crop _____________________________
Yield of last soybean crop (bu/acre) ____________

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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 Eggs J2s</td>
<td>J2s</td>
<td></td>
</tr>
<tr>
<td>Lesion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Root-Knot</td>
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<td>Lance</td>
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<tr>
<td>Pin</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Spiral</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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* If > 2,500 eggs are found in this sample, would you like an SCN Type Test? YES NO (Requires 45-90 days to complete)

Number of soybean crops grown in this field in last 20 years?
Have SCN resistant varieties been grown in this field? YES NO
Circle the SCN source of resistance in the last variety you planted.
PI 88788  Peking  Cyst X  Not Sure

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**Diagnosis and Recommendations:**

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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