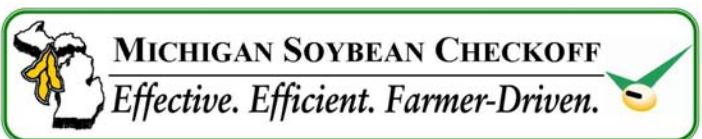


Take the test.  Beat the pest.

# Michigan Soybean Cyst Nematode

## *FREE ANALYSIS*

For Free Analysis  
*MUST* Have Complete  
Farmer Name and Address  
**Limit 20** Analysis per  
Farmer



### SCN SAMPLING INSTRUCTIONS:

- 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 if more detailed information is required on sampling for nematodes.

### SAMPLE DELIVERY INSTRUCTIONS

- 1. Deliver or mail (in corrugated box) to:  
Diagnostic Services  
101 Center for Integrated Plant Systems  
Michigan State University  
East Lansing, MI 48824-1311
- 2. Deliver to your local MSUE Office

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

# GROWER INFORMATION


**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 the samples to Diagnostic Services, 101 Center for Integrated Plant Systems, Michigan State University, East Lansing, MI 48824-1311 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.

Name \_\_\_\_\_ Past Crops \_\_\_\_\_ Year \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

County \_\_\_\_\_

Phone # \_\_\_\_\_

Township \_\_\_\_\_ Sect. \_\_\_\_\_

Field I.D. \_\_\_\_\_ No. Acres \_\_\_\_\_

Present Crop \_\_\_\_\_

Yield of last soybean crop (bu/A) \_\_\_\_\_

Number of soybean crops grown in this field in the last 20 years? \_\_\_\_\_

Have SCN resistant varieties been grown in this field? (circle one) YES NO

Circle the SCN source of resistance in the last variety you planted.  
PI 88788 Peking Cyst X Not Sure

Please list the year(s) that SCN resistant varieties were grown. \_\_\_\_\_

## SAMPLE RESULTS

Nematodes      Soil<sup>1</sup>      Roots<sup>2</sup>      Risk<sup>3</sup>      MSU Sample Number \_\_\_\_\_  
 Date Rec'd \_\_\_\_\_

Soybean Cyst	Cysts Eggs J <sub>2s</sub>	J <sub>2s</sub>	
Other cysts			
Lesion			
Root-knot			
Lance			
Dagger			
Stunt			
Pin			
Spiral			

**Diagnosis and Recommendations:**

**Funded by Soybean Checkoff Dollars**



1. Number per 100cm<sup>3</sup> soil  
 2. Number per 1.0g root tissue  
 3. Risk ratings: 0 = none; 1 = low; 2 = moderate; 3 = high

\_\_\_\_\_  
Nematode Diagnostician