Soybean Checkoff
www.michigansoybean.org

Diagnostic Services

Funded by Soybean Checkoff Dollars

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 _____

Address _____

City _____ Zip _____

County _____

Phone _____

Field I.D. _____ No. Acres _____

Present Crop _____

Yield of last soybean crop (bu/acre) _____

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

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

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

MSU Case #_____
MSPC # _____
Date Rec'd _____

Nematodes	Soil[1]	Roots[2]	Risk[3]
Soybean Cyst	Cysts Eggs J_{2s}	J_{2s}	
Lesion			
Root-Knot			
Lance			
Dagger			
Stunt			
Pin			
Spiral			

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

Diagnosis and Recommendations:

_____
Nematode Diagnostician