Take the test. Beat the pest.

MSPC MICHIGAN SOYBEAN PROMOTION COMMITTEE | Michigan SCN COALITION | MICHIGAN STATE UNIVERSITY EXTENSION

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, 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.

GROWER INFORMATION

Name _____

Address _____

City _____ Zip _____

County _____

Phone #_____

Township _____ Sect. _____

Field I.D. _____ No. Acres _____

Present Crop _____

Yield of last soybean crop (bu/A) _____

Past Crops _____ Year _____

_____ _____

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._____

_____

_____

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SAMPLE RESULTS

Nematodes Soil[1] Roots[2] Risk[3]

MSU Sample Number _____
Date Rec'd _____

Soybean Cyst	Cysts Eggs J_{2s}	J_{2s}	
Other cysts			
Lesion			
Root-knot			
Lance			
Dagger			
Stunt			
Pin			
Spiral			

Diagnosis and Recommendations:

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

_____
Nematode Diagnostician