



**SOUTH DAKOTA STATE  
UNIVERSITY EXTENSION**

# Soybean Cyst Nematode (SCN)

## Soil Sampling Information Sheet

PSstl-scn

**Submit samples to:** Nematode Testing Service  
 SDSU Plant Diagnostic Clinic  
 SPSB 153, Box 2108  
 1451 Stadium Road  
 Brookings, SD 57007-1090  
 (605)688-5545 or (605)688-4521

Date sampled \_\_\_\_\_

Date received \_\_\_\_\_

Grower: Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Telephone \_\_\_\_\_

\_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Submitter: Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Telephone \_\_\_\_\_

\_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Soil sample (0–6 inches only)		Location of Sample		Field History	
Lab Number (Do not write below. For lab use only)	Sample or Field ID	County	Section/ Township/Range	Previous Crop	Two years ago

### Results of Lab Analysis

Sample or Field ID	SCN Population (Number of SCN eggs+J-2/100 cm <sup>3</sup> soil)	Management Suggestions

# Taking a Soil Sample

Soil tests for SCN are prone to variability because of the uneven distribution of the pest across a field. Proper collection is very important.

1. Use any of the tools shown below:

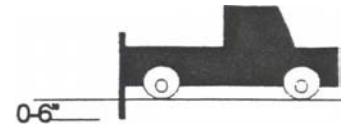
Soil probe



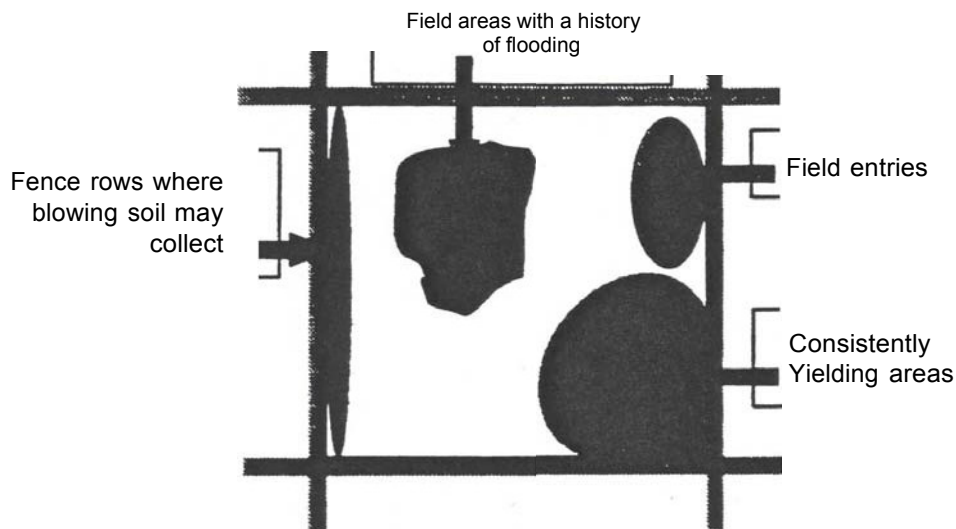
Spade or Trowel



Vehicle Mounted Probe



2. Sampling locations (note areas where SCN may have been introduced):



3. Sampling procedure

- A. Take 15-20 samples from an area with common past cropping history.
- B. Mix thoroughly and submit a pint of this mixed soil sample for testing.
- C. Label each container with your name, address, and sample identification number to correspond with your sample information sheet.

4. Repeat the sampling procedure as outlined for each field area you want tested.
5. If you wish, you may air dry the samples before mailing. DO NOT use heat for drying. Do Not grind the samples.

## Submitting Samples

Complete as much of the information sheet as possible and submit with samples.

**Mail to:**  
Nematode Testing Service  
SPSB 153, Box 2108  
South Dakota State University  
Brookings, SD 57007-1090