



## Soybean Cyst Nematode

*Heterodera glycines*

## Soybean Cyst Nematode Sample Form



### Why test soil for SCN?

- Populations can accumulate quickly, with one generation taking a minimum of 24 days and ranging from 3-6 generations per year.
- As SCN reproduction increases, yields decrease by as much as 14 bu/ac (Iowa State University)

### How to sample a field

#### Soil core collection

- Soil should be moist
- Collect 15-20 1" diameter core samples, 6-8" deep, for every 20 acres
- Place ~1 quart in plastic sealable bag and keep cool (cooler in field and/or overnight in frig)
- Send to testing lab for analysis

#### 3 approaches to sampling 20 acre area:

- Zigzag pattern
- Management zones
- High-risk areas

### Management recommendations:

- Sample your fields during the fall, easiest after harvest, targeting root zone (angle probe 45°)
- Rotate resistant varieties
- Rotate to non-host crops
- Consider a seed treatment nematicide

**\*Please submit completed form with each soil sample to be tested and ship overnight to:**

**WTREC – SCN Lab  
605 Airways Blvd.  
Jackson, TN 38301**

Date: \_\_\_\_\_ County: \_\_\_\_\_

Extension Agent: \_\_\_\_\_

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

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Those other than grower/agent desiring a copy:

\_\_\_\_\_

Crop: \_\_\_\_\_

Sample/Field number: \_\_\_\_\_

Soil type: \_\_\_\_\_

Estimated acreage for sample: \_\_\_\_\_

Crop to be grown: \_\_\_\_\_

Present crop and variety: \_\_\_\_\_

Previous crop and variety: \_\_\_\_\_

-----**For lab use only**-----

Lab ID: \_\_\_\_\_

Nematodes/100 cc soil: \_\_\_\_\_

**Visit [UTCrops.com](http://UTCrops.com) and [TheSCNcoalition.com](http://TheSCNcoalition.com) for more information on SCN.**

AG.TENNESSEE.EDU

Real. Life. Solutions.™



Real. Life. Solutions.™

07/18 Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development. University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating. UT Extension provides equal opportunities in programs and employment.