



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 and TheSCNcoalition.com for more information on SCN.

AG.TENNESSEE.EDU