

### 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

# Soybean Cyst Nematode Sample Form



### \*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	clagent desiring a conv.

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 The SCNcoalition.com for more information on SCN.

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