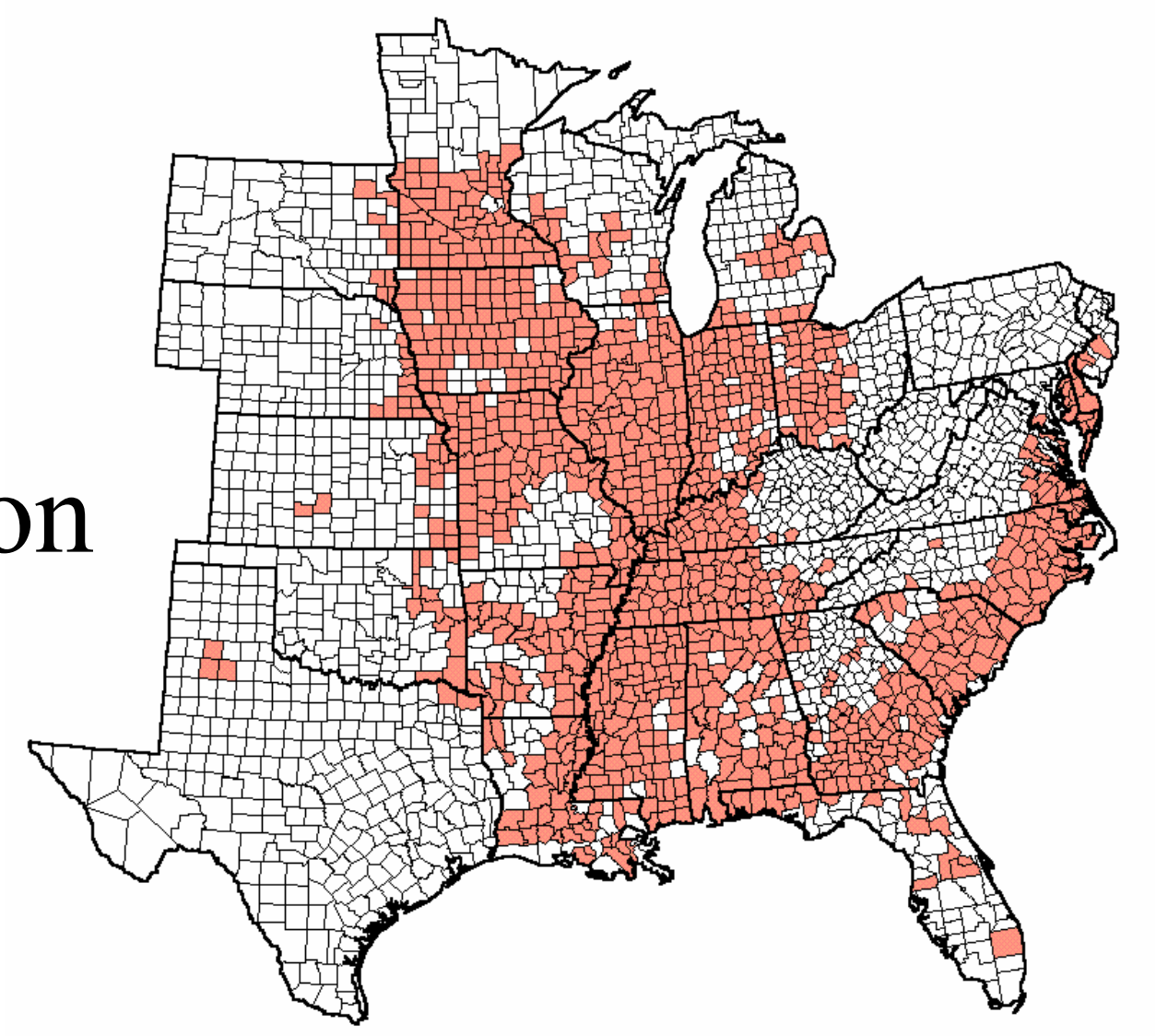
SCN Symptoms and Soil Sampling

SCN Distribution



Lack of above-ground symptoms

Infested?

YES NO

DON’T KNOW

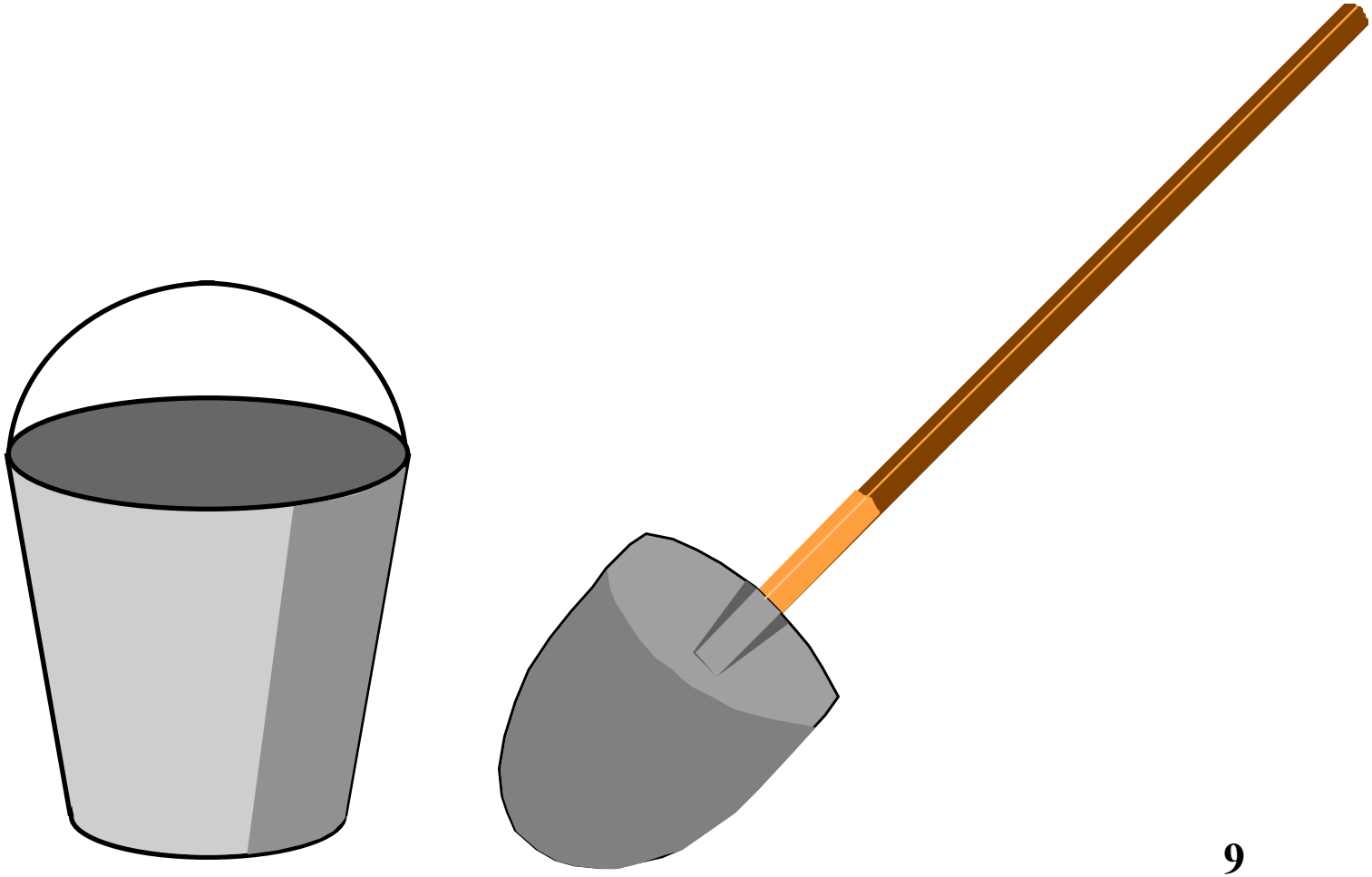
SCN symptoms... the ones you *can* see

Resistant variety yielded 15 bushels more

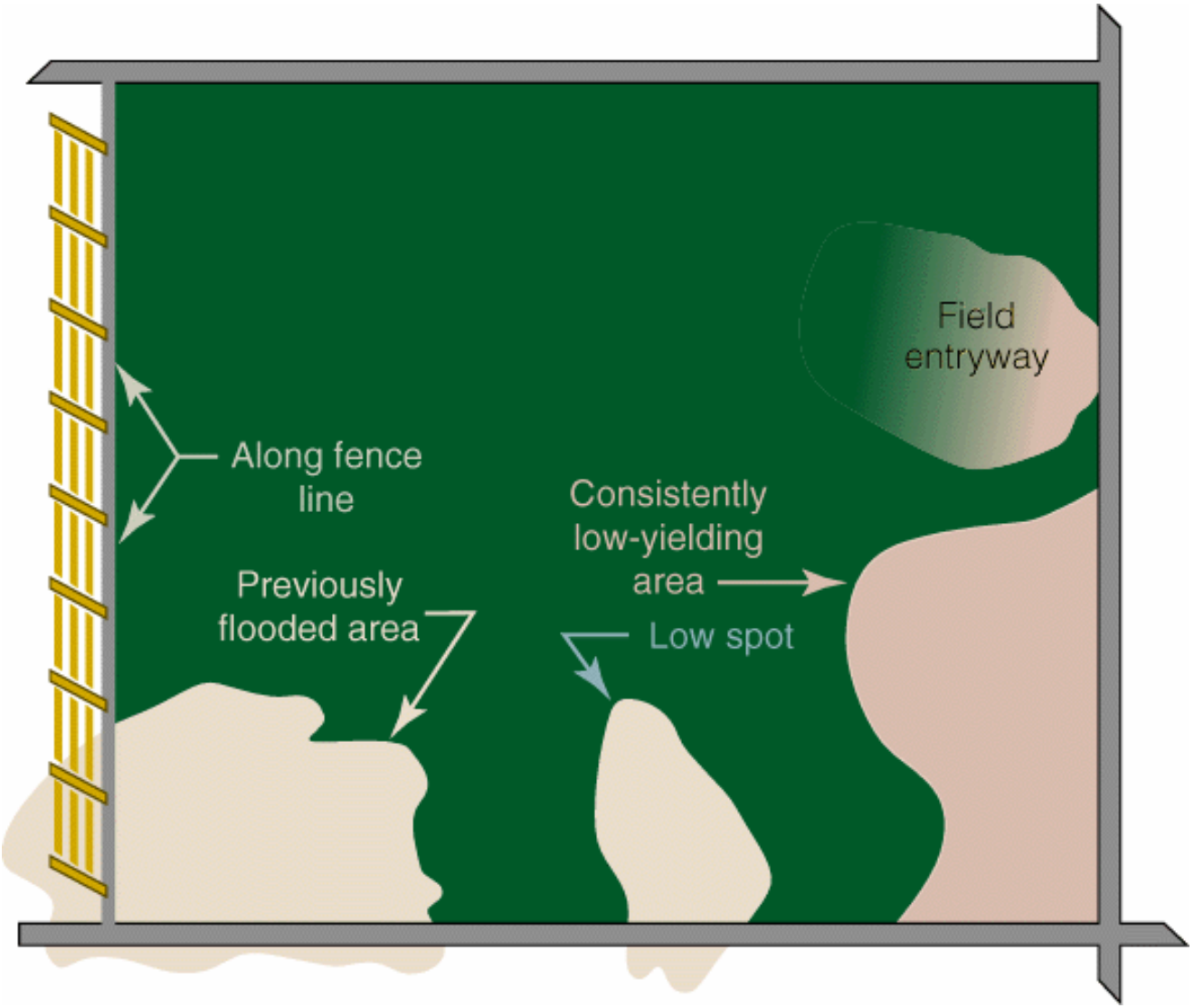
Below-ground symptoms: SCN on roots

When to scout your fields

Tools needed to dig plants



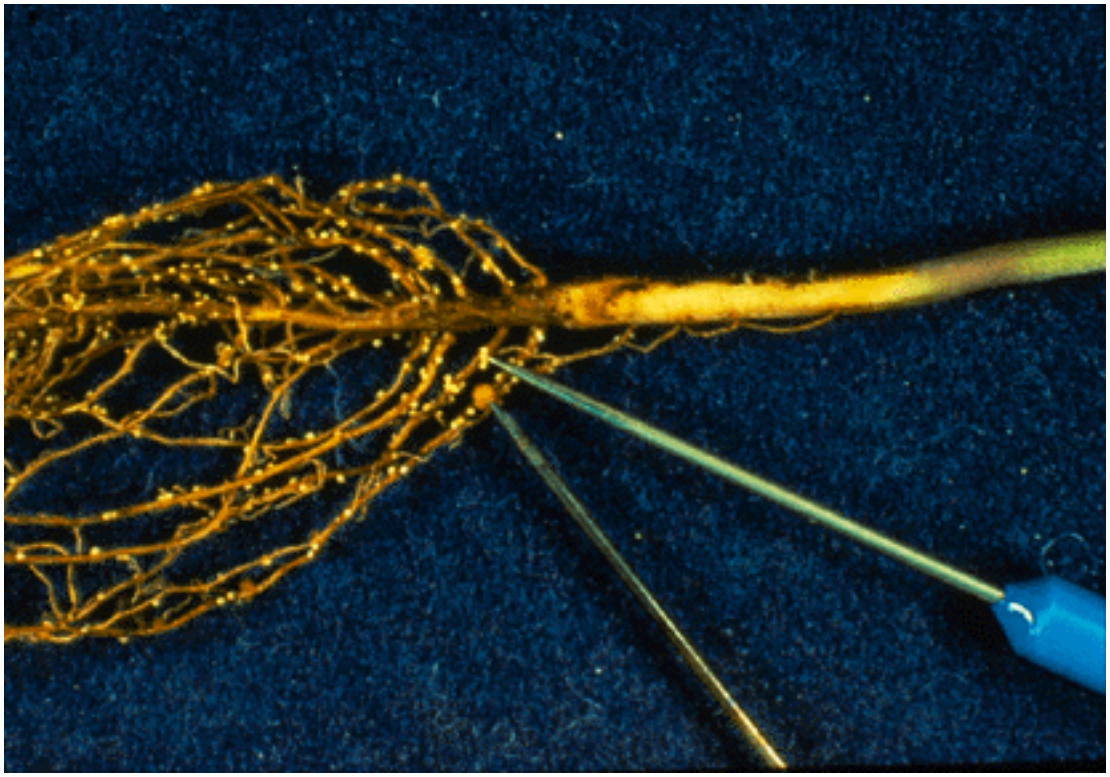
SCN "hot spots"



Once you have the plant in hand:

- Shake excess soil from roots
- Soak roots in bucket of water
- Allow soil to soak off roots
- Let roots dry for a few minutes

Check root system for adult SCN females



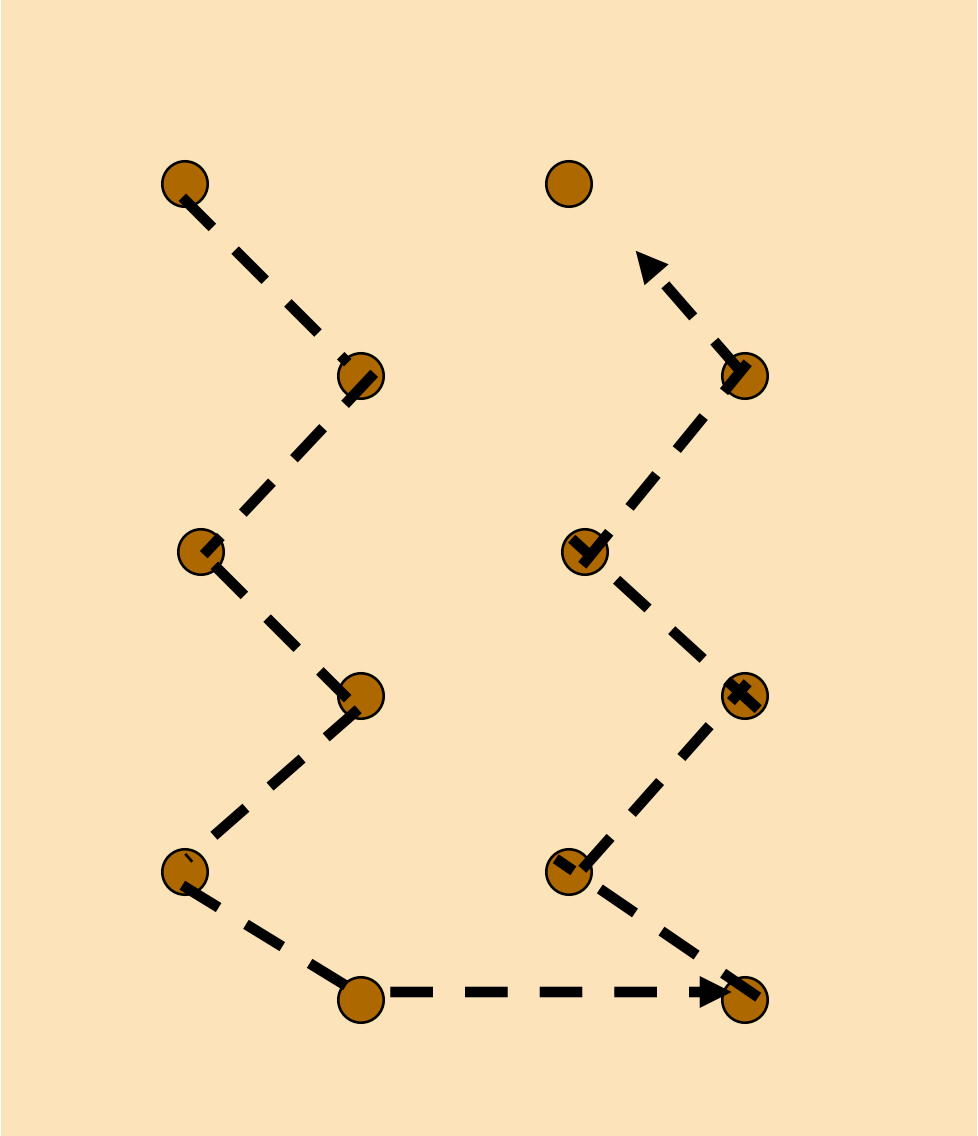
Know for sure with a soil test

Equipment for soil sampling

- Soil probe
- Bucket
- Plastic bag or plastic-lined soil bag

Fall is the best time to sample soil for SCN

Use a zigzag pattern when collecting soil cores



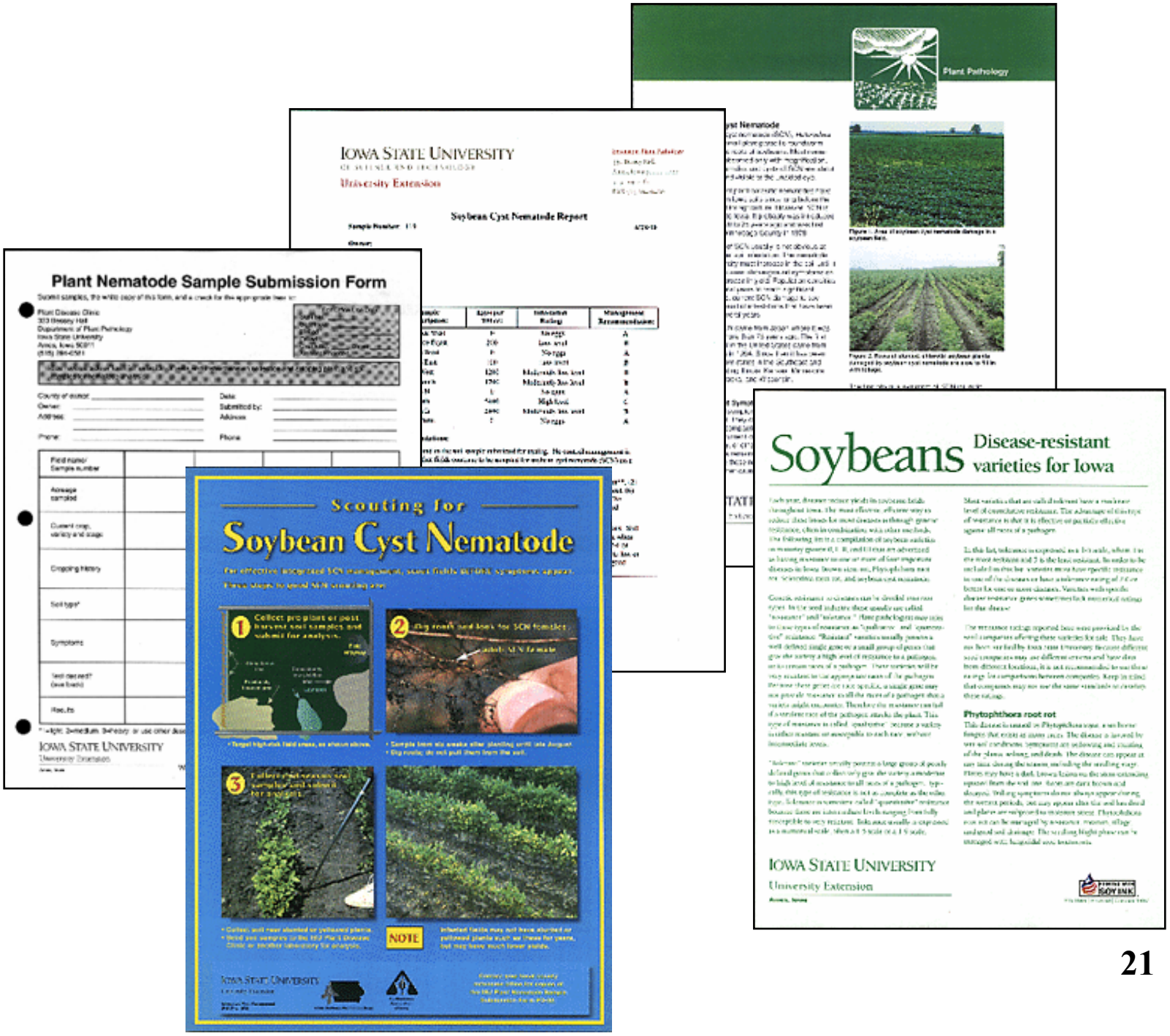
Mix soil cores in bucket

Label
soil sample

Carefully
pack
samples
for shipment

Include with samples:

- Your name
- Address
- Phone number
- Cropping history
- Symptoms of problems
- Cropping plans for the next season


Plant Pathology
IOWA STATE UNIVERSITY
University Extension
Soybean Cyst Nematode Report
Plant Nematode Sample Submission Form
Scouting for
Soybean Cyst Nematode
Soybeans
Disease-resistant varieties for Iowa
IOWA STATE UNIVERSITY
University Extension


DON’T PANIC!
SCN can be
managed!

Take the test.  Beat the pest.

The SCN COALITION