Suspect Soybean Cyst Nematode Sampling Instructions

FOR SOIL ANALYSIS:
Tools needed: To collect soil for nematode analysis you will need a 5 gallon pail or similar container, a large shovel (if the field has not been freshly tilled) and hand trowel, several sealable plastic bags, water resistant marker, pen, diagnostic clinic sample submission forms, shipping container or box, packing materials.

1. Collect soil samples when soil is moist and do not allow the soil to dry out before shipment to a diagnostic facility.
2. Collect approximately one pint of soil for each sample.
3. When sampling from symptomatic fields, collect soil from the margins of the area where plants are showing symptoms or where the nematode is most likely to be introduced into a field. Soil can be collected by using a 1 inch diameter soil probe, trowel or small shovel. Soil should be obtained from the root zone to 6-8 inches in depth.
4. When sampling for management purposes, collect soil from the entire area or field (up to 5-10 acres per sample). To obtain a representative sample, collect the soil from 20 or more places in the sampling area, mix subsamples together in a large pail or similar container, and send one composite sample from each area.
5. Nematodes are sensitive to heat. Do not leave samples in the sun or other areas of high temperature. Do not allow samples to dry out.
6. Put soil in a sealable plastic bag, allow some air to remain in the bag when sealing and ensure the seal is closed tightly.
7. Mark the sample bag with your name and the area/field code, name or number. Be sure to provide a unique identifier for each bag so when sample results are returned, you know the location associated with the results.
8. Place the bag(s) in a refrigerator or cooler until you are ready to ship.
9. Place bags in a mailing box, use packing material to secure the bags and ensure they do not move when in transit and select an overnight delivery service to get the samples to the diagnostic facility as quickly as possible.