



CORN NEMATODES IN-FIELD TESTING

Soil sampling is an important and effective tool in the fight against nematode pressure in corn. Collecting quality soil samples and recording accurate historical information on crop land are vital to understanding nematode populations and establishing control measures.

Here are a few soil sampling tips.



TIMING IS KEY

- ✓ **AT PLANTING:** The best time to establish levels of corn nematode pressure in the field
- ✓ **30 DAYS AFTER EMERGENCE:** The best time to get samples of active nematodes that will affect yield
- ✓ **AT HARVEST:** The best time to measure changes in population density



ACCURATELY GATHER SAMPLES

Pull soil core sample at 6–8 inches of depth near the base of plants in areas that have been affected by nematodes in the past or plants that are not growing properly. Pulling samples in a zig zag pattern will represent the pressure of nematodes in the field. Samples should not be taken near dead plants and should be kept out of direct sunlight and heat.



KNOW THE REQUIREMENTS

Soil cores should be kept cool until shipment to your local testing station within the state that the sample is taken. It is illegal to ship soil samples that contain biological organisms across state lines. Shipment of soil samples should be sent the same day they were pulled from the field and kept in temperatures below 90 degrees. Samples that are not shipped immediately should be stored in a refrigerator.



USE THE RIGHT TOOLS

All samples should be taken with a clean core sampler or shovel. Plastic bags that have sealable tops and label areas or soil sample bags should be used to keep samples until they can be shipped.

Armed with accurate information, you can plan an effective strategy for maximizing yield. Nufarm is committed to helping you maintain that production by exceeding your high standards with sustainable, leading-edge plant protection, while providing advice on best choice products for the most commonly occurring problems.

WE'RE HERE TO HELP.



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