

NEMATODE SOIL TEST SAMPLING PROTOCOL

Important Notes

- When to sample varies for each crop but is generally a defined period that is related to the growth stage of the crop. Pre-plant samples must be collected 4-6 weeks before planting to allow time to process the sample and apply control measures. Sometimes a longer time-frame may be needed (e.g. if nematode-resistant planting material must be ordered).

What to sample:

Roots or soil, depending on the method of analysis for the particular crop. For example:

- Citrus - roots or soil
- Grape - roots and soil
- Pineapple - soil
- Banana - roots
- Fallow fields - soil

Collection of samples:

1. Subdivide the field into areas that have similar cropping history, soil texture or soil depth, or that are homogeneous with regard to other possible variables.
2. Collect a composite sample of soil that is representative of the sampling area. Composite samples should be made up of at least 20 sub-samples (soil cores).
3. Place each soil core in a bucket. Gently mix the soil cores to produce homogenous mixture.
4. Collect a 500 g sample from the mixed soil sample and place in a clean zip lock bag. Label the bag in permanent marker with the name of the person submitting the sample and the property/block name.
5. For root samples collect at least 100g of root samples total from several plants.

Sample Submission and Postage

- Please submit samples using the following link to our sample submission portal:
<https://metagenlab.au/>
- Upon submission, please print the generated submission form and express post with the samples to 98 Chadwick Road, Gatton, QLD, 4343.