

## Soil pathogen test:

### Soil collection instructions

In case of **Clubroot**, it is highly recommended to collect the soil samples across high-risk area.

In case of **Aphanomyces/Fusarium avenaceum (Root rot)**, it is highly recommended to collect the soil samples from wet, low lying or compact areas.

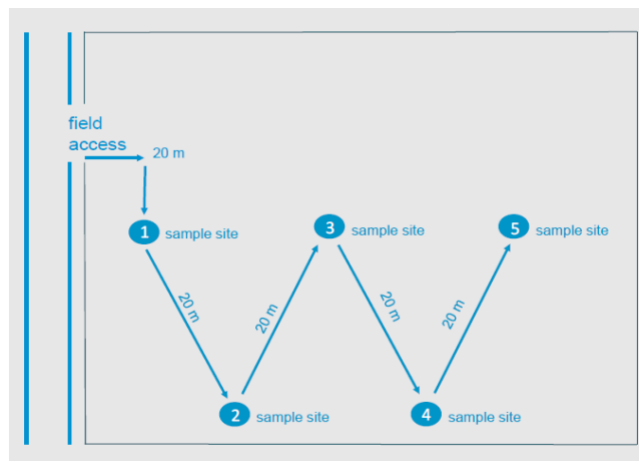
1. Select sample points in your field for sample collection.
2. Soil sample:

**Clubroot**- Collect two to three cups of soil from the top 4 inches of each high-risk area.

**Aphanomyces/F. avenaceum (Root rot)**- make a hole around 4-8 inches deep and scoop up the soil from the bottom.

Transfer the soil into a sample paper bags provided in the kit. Label the bags with ID, date, and location.

3. Make sure to sanitize the tools between sampling sites to avoid false positives and to avoid spreading/cross contamination of spores to other locations.
4. If you are unsure of the high-risk area, walk about 20-30 feet from the field make an imaginary “W” pattern, from the starting point clear away any organic matter from soil surface and scoop or collect 2-3 cups of the top 4-5 inches soil at each point.
5. Now start to collect soil sample in a “W” pattern (20-30 feet away) and repeat collecting in “W” pattern for 5 sample points.



Traveling in a “W” pattern to sample soil for clubroot testing

6. Label each sample container cup/bags with location and serial number to differentiate each sample.
7. Transfer all the container cup/bags into the kit box and complete the submission form provided in the kit.
8. Ship the collected samples and completed submission form using the addressed envelope provided in the kit.

