

Benchmark Sampling for Clubroot

Soil samples can be collected at any time but soil should be dried after collection. Do not drive into field or access, but park on the road whenever possible. Follow sanitation procedures if visiting more than one field. Dispose of or clean and disinfect footwear and tools that come in contact with the soil.

Soil Sample Survey Procedure:

1. Soil samples should be a composite of five, one cup scoops of soil taken at each of five stops in one field. As clubroot concentration have been found to be the highest at field approaches in infected fields, the samples should be taken within the vicinity of where equipment would usually enter into the field. Travelling in a “W” pattern, stop at the five points of the “W” keeping each of these five points at least 20 metres from each other and at least 20 metres from the field edge.
2. Clear away residue from the soil surface, and scoop approximately one cup of the top zero to 10 cm of soil at each site (total one litre from all five sites combined).
3. Air-dry soil samples in paper boxes and send them to PSI for DNA testing.

Field Access Point

