



INSTRUCTIONS FOR ROOT SAMPLING



Fig 1 – tools

You will need the following tools:

- Soil probe
- Tape measure
- Plastic baggies
- Permanent marker
- Rubber gloves (optional)



1. Collect three soil cores (subsamples) from each tree. Select roots from different sides of the tree (e.g., North, South, etc.). Fragments of finer roots that can be found close to the soil surface that can be unearthed manually should be added to the core.

The distance from the trunk of the tree is as follows:

Trees under 2 ft. tall:	4-10-inches
Trees 2-5 ft. tall:	10-15-inches
Tree over 5 ft. tall:	15-inches or more depending on the size of the tree



2. Use a soil probe to collect root samples from the tree for analysis and evaluation of mycorrhization.



Fig 3 - plugs

3. You should see roots in the sample.



Fig 4 – roots



4. Place soil sample in plastic bag.



Fig 5 – bagging sample

5. Each subsample should be placed in a **clearly labeled** ziplock bag. SEAL THE BAG COMPLETELY.



Fig 6 – bagged sample



Mycorrhiza Biotech LLC

We recommend testing at least 10% of trees or seedlings (randomly selected if not based on location or soil types).

Once placed into ziplock bags, the samples should be kept refrigerated until shipped to Mycorrhiza Biotech with ice or blue ice using an overnight carrier.

If you have any questions or comments, please call Nancy Rosborough at (336) 512-5578 or e-mail nancy@mycorrhizabiotech.com.