



SOIL SAMPLING TUBE

CODE 1016

PROCEDURE

1. Screw the handle onto the top of the sampling tube and remove the wooden plug from the tip of the tube.
2. Hold the tube in a vertical position. Force it into the soil about six inches. Leave at least one inch of the cutout portion of the tube showing above the surface of the soil. Deeper penetration will compress the soil in the tube, making it difficult to remove.
3. Twist the tube back and forth to sever the core.
4. Continue to twist the tube back and forth with a rapid motion. Lean the tube toward you with the cutout portion facing up and slowly withdraw the tube from the soil. The twisting motion will insure that the tube is withdrawn without breaking soil or turf, resulting in a perfect soil sample. These instructions must be followed carefully if the soil is wet.
5. Remove the soil sample through the cutout portion of the tube. Insert the wooden peg through the tip of the tube to dislodge any soil remaining in the tip.
6. Deeper sampling is accomplished by taking a series of six inch samples from a single hole. Attach the handle to one of the extension rods. Then attach either the sampling tube or the other extension rod. The sampling tube should never penetrate deeper than about six inches into the soil. The extension rods are marked at six inch intervals. This allows the operator to determine the depth of the hole and the depth of the sampling tube's penetration into the soil.

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