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BEST HARVEST



SOIL SAMPLER PROBE DRILL-TYPE

USER INSTRUCTIONS



BHP550, Rev. B
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BEST HARVEST INC

Soil Sampler User Instructions

Introduction

The *Best Harvest Soil Probe Sampler BHP550S* consists of a stainless steel probe and a clean-out rod. It is used to obtain samples of soil.



1. BREAKING IN PROBE

The shaft of the Probe is stainless steel. The stainless steel will get brighter and smoother as it is used. Use a damp cloth to clean any residue after completing your sampling.

2. SAMPLING MATERIALS

A. The Probe Sampler operates best with a 1/2" drill with a 18-24 volt fully charged battery. An electric drill can also be used.

B. Attach the drill to the end of the probe. Place a gallon zip-lock bag on the collection shield (as pictured) and secure it with a rubber band.

C. Remove the protective cap and rest the cutting tip on the ground, proceed to push gently on the probe as the drill is started. Allow the probe to travel into the ground applying pressure as necessary. Depending on your sampling needs, several samples can be done before removing the collection bag.

D. Use the cleanout rod to clean out the probe and be sure all sampled material is in the bag. Label the bag as necessary (name, date, field location, lot number).

E. Test samples or deliver to laboratory as soon as possible to prevent sample moisture loss and/or contamination.

3. MATERIAL SAMPLING CONSIDERATIONS

Consult your local Agricultural Authority or Soil Testing Laboratory for Proper Preparation of Your Soil Samples Based on Your Specific Soil Types and Ground Conditions.

The Following are General Guidelines that May Assist You:

DIVIDE THE FIELD INTO UNIFORM AREAS —Each area should have the same soil color, texture and cropping history. One sample should not represent more than 20 acres on level landscapes or 5 acres on hilly rolling land.

SAMPLE EACH AREA —Collect 15-30 subsamples from each area in a zig-zag pattern. Sample to a depth of 6-8 inches or as recommended for your field and soil type.

MIX THE SUBSAMPLES —Mix the subsamples within the ziplock bag and fill your sample box or bag from the mixture. Follow instructions from your selected laboratory.

4. BALE PROBE CARE & CLEANING

When not in use replace the tip cap on the cutting tip so that the tip does not get damaged. Always clean the probe with a damp cloth and wipe dry after use. Occasionally apply a high grade car wax to the probe, this will clean off any residue and is an excellent way to store the probe.

5. SHARPENING / REPLACING CUTTING TIP

The cutting tip is specially designed. Be sure to always protect the cutting tip when not in use. The tip can be sharpened with a sharpening hone. A sharpening hone may be purchased from Best Harvest Inc. Replacement shafts and tips can be purchased at www.bestharveststore.com

6. SAFETY INSTRUCTIONS

Never operate the probe with any loose clothing. Pay close attention when the cleanout rod has been removed, the cutting tip is very sharp. Under no circumstances is the manufacture or retailer making any warranties, expressed or implied, concerning this product or its use, which extend beyond the description above.