

ABC sample cup



For soil sample preparation you can use the ABC sample cup.

Remove stones roots etc. from the soil, mix and crumble the soil. Too dry samples must be moisturised with distilled water and too wet samples must be air-dried until they are at field capacity, for this spread the soil out on a plate. Analyses are done with a 1:2 volume mixture.

This means 1 part of the soil (at field capacity), added to 2 parts of distilled water. Fill the ABC sample cup up to mark C with distilled water, and fill up to mark A with the sample. Shake the vessel regularly during filling.

After this is done, the vessel has to be shaken firmly for at least 2 minutes (preferably 20 minutes). Let the soil settle and filter the mixture with a coarse filter. Use i.e. a measuring jug, a funnel and filter paper.

Now the sample is ready for analysis. The pH can be measured directly into the suspension; the EC and macro elements can be measured into the filtrate.

Good luck!