

# SOIL CORE SAMPLERS

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P1.04

## 04.06 Gouge auger set for top layers

A correctly dosed fertilization is a condition for high yield and good quality.

From economic and ecological perspectives it is therefore necessary to check the state of the soil.

After analysis of the samples taken with this set it is possible to determine a fertilization program.

Two gouge augers have been included in the set for sampling top layers.

The auger for arable land, with an operational length of 25 cm, is used to take samples from the furrow.

The mineral auger, also included in the set, is used to take samples from the top layer up to a depth of 60 cm.

Because of their operational length and small diameter these gouge augers are pre-eminently suitable for sampling of the top layers of arable land, in particular for a nitrate- or a fertilization research, etc.



Gouge auger set for top layers

## 05.03 Grass plot sampler, small

## 05.10 Grass plot sampler, large

These stainless steel gouge augers with different dimensions consist of a steel auger pipe, a collecting bucket and a stick with a steel handle.

The auger pipe is filled by pressing the collecting bucket with your foot. Because of the conical shape of this pipe the sample is easily pushed toward the collecting trough when the next sample is taken.

The correct number of samples per hectare depends, among other factors, on the type of crop, the relief and the type of soil. In case of grassland it is required to take 30 samples per hectare.

It is possible to take samples of the top 5 cm (resp. 10 cm) of grass covered areas, for root- and/or fertilization research, quickly with these type of augers.

The grass plot sampler is particularly suitable for research in grassland farming but also in horticulture and for the Parks and Public Gardens Department.



Grass plot samplers

The grass plot sampler is pushed into the soil.



## BENEFITS

### 04.06 Gouge auger set

- Extremely slim auger bodies; low friction
- Will even sample medium to harder soils
- This 1 kilo of tools solves most sampling jobs
- Perfect for chemical sampling in the root zone
- Non-toxic steel (not zinc-plated)

## BENEFITS

### Grass plot samplers

- Take samples while walking
- Perfect for shallow root zone sampling
- Perfect for soil sampling on air-born deposits
- Sample can never be longer than 5 or 10 cm
- Tough non toxic stainless steel



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