

# Instruction for collecting root/soil samples

## For mycorrhizae, chroma- or glomaline analysis

### General explanation:

**Mycorrhizae:** The fine roots of the plant are used for mycorrhizae analyzes. Avoid mixing the roots of different plants/crops in one bag. **Chroma/glomalin:** Soil is used for Chroma and Glomalin analyses. This may be taken from one location, but may also be taken from multiple locations on the field.

**You need:** Spade, hole-cutter, permanent marker/pen, gloves, bucket, Zip-lock bag and sample label

1

**\*Tree or shrub:** Collect 3 to 5 samples from each tree/shrub.  
**Perennials or Pot plants:** Send the whole plant to us for analysis.  
**Arable land, lawn or meadow:** Collect 5-10 samples of 5-10 cm Ø each per plot.



2

Use a spade or hole-cutter to collect your root- and soil samples. The maximum depth is 30 cm. (Most fragments can be found just below the soil surface). Make sure there are enough visible fine roots present in the sample. Never pull but dig the root out of the soil to prevent damaging it.



3

Put the entire sample including soil in a bag and close the zip-lock.  
Use one bag per sample.



4

Fill in the sample label which can be found on our website.  
Send us the samples as soon as possible or store in a refrigerator or any other cool and dark place until moment of shipping (beware: do not freeze).



5

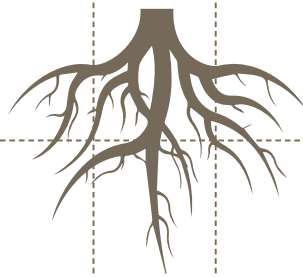
You can send the sample(s) to:  
Plant Health Cure, attn. R&D, Veldweg 7, 5061 KJ, Oisterwijk, the Netherlands.



!

The fine root fragments will be used for the analysis of the mycorrhizal colonization, it is important to collect enough soil to prevent the sample from drying out and other damage. This soil can also be used for a chroma analysis. Maximum amount of sample: 500-700g. (or the entire plant)  
**Analysis report:** You will receive a comprehensive report with photographs of the results and explanation.

# Sample label for open field

Sample name	Indicate which part of the roots was sampled
Company name	
Contact person	
Address	
	<input type="checkbox"/> Sunny <input type="checkbox"/> Half shade <input type="checkbox"/> Shade
Telephone number	Did you apply mycorrhiza products?
	Yes / No
E-mail address	Application date
Crop advisor at PHC	Crop
Date sample taking	Previous crop
Planting or sowing date	Soil type
<input type="checkbox"/> Mycorrhiza Analysis (€ 115,00)* <input type="checkbox"/> Chroma Analysis (€ 85,00)* <input type="checkbox"/> Glomaline Analysis (€ 105,00)*	Invoice Yes / No

Remarks

\* With a combination of 2 different types of analysis you receive a 10% discount. With a combination of 3 different types of analysis you will receive a 20% discount.