



PlantDoctor

When your plants are diseased or showing abnormalities, you naturally want to discover the cause as quickly as you can. That's the only way to ensure the proper treatment is applied and the risk of spreading is minimised. Eurofins Agro's PlantDoctor gives a fast and reliable diagnosis and advises you on the necessary measures.

There is a wide range of factors that can cause abnormalities in a crop. Pathogens can play a role, but cultivation conditions like fertilisation and climate can also have an effect. PlantDoctor determines the appropriate research technique based on a visual assessment and information about the sample submitted.

A wide range of techniques are available, including the ELISA techniques for common viruses, microscopy for nematodes and fungi, DNA Multiscan and plating methods for bacteria and fungi, and above all, we can also detect most pathogens using DNA techniques. DNA techniques, which include DNA Multiscan and quantitative PCR, are fast and very specific, and are therefore frequently used.

Simple

PlantDoctor is simple to use. You can send us the material yourself. You will be informed of the results as soon as possible, and there is usually interim contact as well.

The report you receive includes a description of the primary cause of the problem and advice on the best way to tackle it. The analysis duration at PlantDoctor is dependent on the nature of the problem. This can vary from a few days (ao. DNA techniques, ELISA) to a few weeks; when we need to do bio-assays or more research. Be sure to send as much information as possible about the crop's history when you submit the test samples. This will enable us to speed up the diagnosis.

A grip on plant health

We can help you get your crop healthy and strong – and keep it that way. In addition to PlantDoctor, an analysis using DisinfectoCheck and DNA Multiscan can achieve this.

Do you have questions about the analysis report?

Our customer service staff will be happy to help you. Call +31 (0)88 876 10 14 or send an email to: horti@eurofins-agro.com

Insight in crop health

Eurofins Agro offers various analysis to diagnose poor crop development or crop damages by pathogens. You can also send in recirculated water to examine the water on the presence of fungi and bacteria.

DNA Multiscan

A quick routine scan to identify potential fungi and bacteria present. The damage is not (yet) visible. Water, crop and substrate are checked using a DNA test. Within three days you will receive an analysis report indicating the degree to which the crop has been affected. You can also opt for advice. You will then receive a research report including the degree of damage, an assessment and explanation.

PlantDoctor

Your crop has suffered damage. We will launch an extensive investigation into fungi, bacteria, insects/pests and viruses. The analysis duration is dependent on the nature of the problem. We will consult with you upon receipt of the sample and when the results are ready. The analysis report includes a description of the problem as well as advice on preventive measures, and curative measures when required.

DisinfectoCheck

Using water samples, fungi and bacteria are counted both before and after your own disinfection unit. Within five to seven days you will receive an analysis report with target values and a brief explanation.

