



# Optimal growth conditions

## Insight in fertilization and plant health

**How is the quality of the process water in your greenhouse? What do you know about the fertilization of your growing media? Are there any pathogens in your greenhouse? Analysis by Eurofins Agro will answer these questions and provides information to support and improve your decisions.**

Eurofins Agro offers a complete portfolio of sampling, innovative analyses and reliable crop advice. We provide indispensable information to optimize your production.

### **Water**

Knowing the chemical composition of your water is crucial in order to produce vital plants with maximum production. Eurofins Agro offers various analyses which provide information about the quality of the water in your greenhouse system.

### **Soil and substrate**

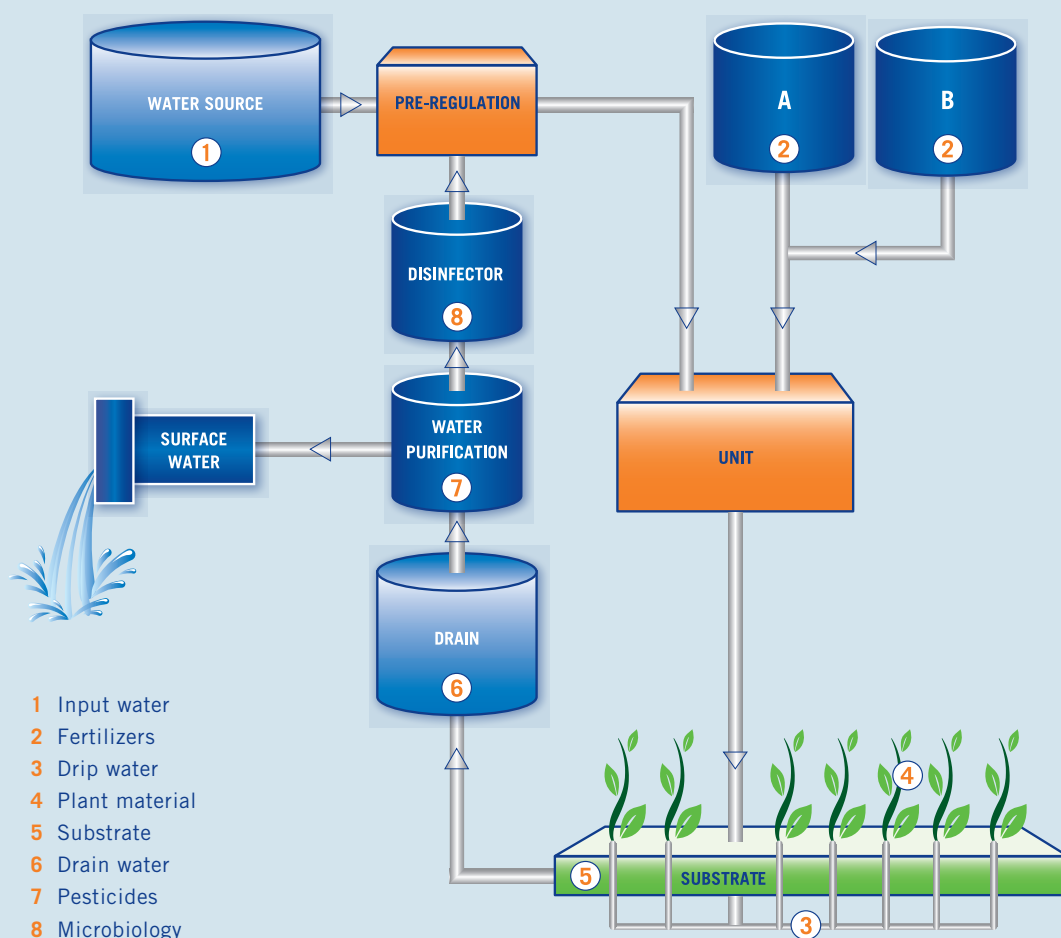
Soil and substrate must be in optimal condition. Should fertilizer be added, and if so which

nutrients and in which ratio? What is the organic matter content of the soil? Is the (microbial) soil life still in good condition? Analysis by Eurofins Agro will provide all information you need about the condition of your soil and/or substrate.

### **Crop**

Awareness of Plant health is ever more important. Our very innovative DNA Multiscan technology detects and determines a range of more than 100 fungi and a number of relevant bacteria in water, soil and plant tissue at a very early stage. In more complex situations, our PlantDoctor team is able to investigate and diagnose any disorder in your crop.

# The complete package



Eurofins Agro offers a complete package of analysis for greenhouse horticulture:

## Input water, drain water and drip water 1, 3, 6

- pH, EC, main elements and trace elements
- Pesticide residues
- Heavy metals
- Fungi and bacteria (DNA Multiscan, aerobic bacteria count, total number of fungi)
- E. coli for GLOBAL G.A.P.
- Methane
- Dropper blockage analysis

## Fertilizers 2

- Content of A- and B-tank for pH, EC, main and trace elements
- Precipitation analysis
- Composition of pure fertilisers
- Heavy metals

## Plant material (leaves, vegetables, fruit) 4

- Main and trace elements (CropCheck)
- Main and trace elements (PlantsapCheck)
- Crop health (PlantDoctor, DNA Multiscan)
- Pesticide residues
- Heavy metals
- Human pathogens

## Substrate (compost, coir, etc.) 5

- pH, EC, main elements and trace elements (Potting SoilCheck)
- Physical analysis
- Fungi and bacteria (DNA Multiscan)
- Nematodes
- Human pathogens
- Other analyses for RHP certification

## Greenhouse soil 5

- Direct available main and trace nutrients, pH, EC (Greenhouse SoilCheck)
- Soil stock nutrients, organic matter, CEC, pf curve, structure, texture and solilife (Greenhouse SoilStock)
- Fungi and bacteria (DNA Multiscan)
- Nematodes

## Water purification 7

- Pesticide residues

## Decontaminant 8

- Aerobic bacteria count, total number of fungi (DisinfectorCheck)
- Transmission value