



## Sampling guide water samples



### Contactdetails

NovaCropControl  
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It is possible to have water samples analyzed by NovaCropControl for nutrients. In substrate cultivations, in addition to plant sap analysis, it is also necessary to have the irrigation water and the drain and/or slab water analyzed. For example, it is possible to adjust the nutritional composition of the irrigation water to the actual absorption of the crop. NovaCropControl can also analyze your well or basin water. The water analyzes are accredited according to ISO-17025 (under RVA registration number L 635).

#### **Demands for water samples**

- Fill the bottle to the edge. The bottle may not contain any air, this can have influence on the results (See pic. 1)
- For all water samples there will be used 50 ml bottles that will be supplied by NovaCropControl.
- NovaCropControl supplies small labels with a barcode especially for water samples. Those need to be fixed on the bottle horizontal (see pic. 2).
- We advise to fill the bottle with water before you stick the label on the bottle, so the label will keep readable.
- Write any additional information like sample date on the labels with pen.
- Pre-printed labels on which the location, cultivation, crop and plant part are printed are the most practical. This brings the following benefits:
  - The labels do not have to be filled in on the spot during sampling.
  - When the information on the labels is handwritten, it can be difficult for our employees to read what is written, which can lead to writing errors and incorrect reports.
  - With pre-printed labels the same location and cultivation always have the same name, which makes the analyses reports and graphs in Bemesting-Online more clear.
  - Better advice can be given on the samples with pre-printed labels
  - Ordering pre-printed labels can contribute to a structured sampling schedule for your crop/cultivation.

Picture 1



Picture 2





### **Irrigation water**

An irrigation water sample can be taken by hanging one or two drippers in a sample bottle for a longer period of time (Picture 3), the bottle is then automatically filled during the fertigation.

Picture 3



### **Drain water**

A drain water sample can be taken from the return pipe/drain well. It is also possible to take a sample from the drain tank.

### **Substrate water**

By providing a syringe with a needle and inserting it into the slab (Picture 4), a substrate water sample can be taken. It is important that there are sampled several substrate slabs (10 to 15 slabs).

Picture 4



### **Fertilizer**

We can also analyze fertilizers. Analyzing fertilizers requires a different process in the laboratory, which means that the price of this type of analysis is higher than an ordinary water sample. We also consider water samples with a high concentration of certain nutrients to be fertilizers. Please contact us before submitting a fertilizer sample otherwise we discover it too late.

Would you like to have a different type of water analyzed? Please contact us and ask for the possibilities.





## Shipment

If you want to send a small number of water samples, these can be sent with an envelope.

To be sure that the water samples are not damaged during transport, you can also choose to pack the samples in a box. Put sufficient postage on the envelope or package. Always check the weight. Please make sure the caps on the bottles are closed well and that envelope/package is sealed well. You can put an extra tape over the closure to avoid opening during transit.

Please ensure that all samples are shipped in one package. It sometimes happens that envelopes/packages are sent on the same day and still arrive on different days.

For more information about sending samples, please visit our website.

Do you ship samples from outside Europe? To avoid clearance delay at the customs and high costs please consult our shipment guide for sending samples to Europe. You can find this guide at our website.

<https://www.novacropcontrol.nl/en/method/shipping-information>

Please send samples to the address below:

### **NovaCropControl**

Street: Nijverheidsweg 30

Zip-code: 5061 KL

Town: Oisterwijk

Country: The Netherlands

