



Sampling guide

Water



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Sampling of water

It is possible to have water samples analysed by NovaCropControl for nutrients.

In substrate cultivation, it is necessary to have the nutrient water and the drain and/or mat water analysed in addition to plant sap. This allows the nutrient composition of the irrigation water to be adjusted to the actual uptake of the crop. NovaCropControl can also analyse your source or basin water. The water analyses are accredited according to ISO-17025 (under RVA registration number L 635).

Make sure the bottle is filled completely. Remaining air in the bottle may influence the analysis.



Right



Wrong



Wrong

Green house cultivations on substrate:

- **Irrigation water**

An irrigation water sample can be taken by hanging one or two drippers in the bottle until it's completely filled during irrigation.

- **Drain water**

A drain water sample can be taken from the drainpipe and/ or the drain tank.





- **Slab water**

A slab water sample can be taken with a syringe straight out of the substrate. It is important to take water at the same spot in the substrate and on multiple slabs (10 to 15) for a good representative sample.

Irrigation water sample



Slab water sample



- **Springwater or Rainwater reservoir**

You can take a sample of the water from the (rain) water reservoir.

Open ground cultivations:

- **Irrigation water**

An irrigation water sample can be taken at a tap point in the pipe, the bottle is then filled during fertigation.

- **Spring water**

You can take a spring water sample by first running the pump for half an hour and then taking the sample. This is important because the water in the upper part may have reacted differently and is therefore not representative of the spring water.

If you want to know how much iron is present in the well, note “+ Fe in acid” on the bottle. This requires an additional test. Please note: an additional invoice will be sent afterwards for a blank analysis. This analysis is not accredited.





Applying labels

After taking the sample place the cap on the bottle and turn the bottle around to check no air is left in the bottle. Fill in the labels and place them on the bottle. Pre-printed labels are preferred, this saves time and reduces the chance of errors. Please let us know if you need help with this. Place the sticker on the bottle as displayed below, make sure the barcode is clearly readable.



Sending of samples

Keep in mind the following matters when sending the samples:

- Put all samples in one NovaCropControl envelope or one box so all samples arrive at the same time. (It is possible separate packages shipped on the same day will arrive on different days).
- Make sure the package is securely sealed. It is recommended to reinforce the closure with tape.
- Ensure that postage label on the envelopes and mailbox packages is sufficient.
- Larger sample quantities that do not fit into envelopes can be packaged in a box with a sufficient postage label.
- When shipping from outside of the EU consult our shipment guide for sending samples to avoid clearance delay at customs. You can find this guide on our website.

Shipping address

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