



Plant sap sampling guide

Forage



Contact details

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Collecting and submitting samples

Location

Take the following steps into consideration when collecting leaf samples:

- Avoid the outer rows of the greenhouse or field and the first and last 10 yards of a row.
- Sample leaves of average leaf quality.
- Sample abnormal plants (with deficiency symptoms) separately. If a deficiency might be present in the young or old leaves of the total crop, sample these leaves separately as a young or old leaf sample.
- Keep in mind the sunny and shady side of the plant. Always consistently sample the same side.

Time of sampling

It is strongly recommended to take the samples before 9:00 AM. The plant will then have enough leaf-tension with proper moisture conditions.

Plant parts

For a grass sample, cut the grass just above the root and keep in mind to sample such an amount so the sample bag is fully filled and the sample has enough mass (see pic. 2 and 3). You can also sample halfway the growing period, please make a remark when you do this instead of sampling on the end of the growing period.



Pic.1



Pic.2





Sample size

The sample will have enough mass when the sample bag is filled for $\frac{3}{4}$.

Packing the grass

When the grass is wet because of rain or dew, dry them first with a tissue (see pic. 4).
Leaves have to be dry from the outside to be analysed because water will have an influence on the results.
Moreover, the leaves will spoil faster if there is water in the sample bag.



Pic. 3



Pic. 4

Pack the young and old leaf samples separately, these will be two different samples. Stack the leaves to assure fluent processing and put in a plastic zip-lock bag. Make sure all air is out, so any leaf evaporation is excluded (see pictures below, tomato leaf as an example).





Fill in the labels correctly and place them on the bags (see pictures below). Order preprinted labels before submitting samples for analysis.



Packing the samples

Put all samples in the envelope and make sure it fits in a mailbox (max. 1.38 inch high).



Sending the samples

The sample zip-lock bags with barcode can be sent in the envelope. If you want to send more than one sample, send them in 1 box. Put sufficient postage on the envelope or package. Always check the weight. Make sure the envelopes are sealed well. You can put an extra tape over the closure to avoid opening during transportation.

We recommend to sample crops on Friday and send the same day by FedEx, then NovaCropControl is receiving your samples in the beginning of the next week. Please put €1.00 as the shipment value on the sample package.

Please send samples to the address below:

NovaCropControl
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