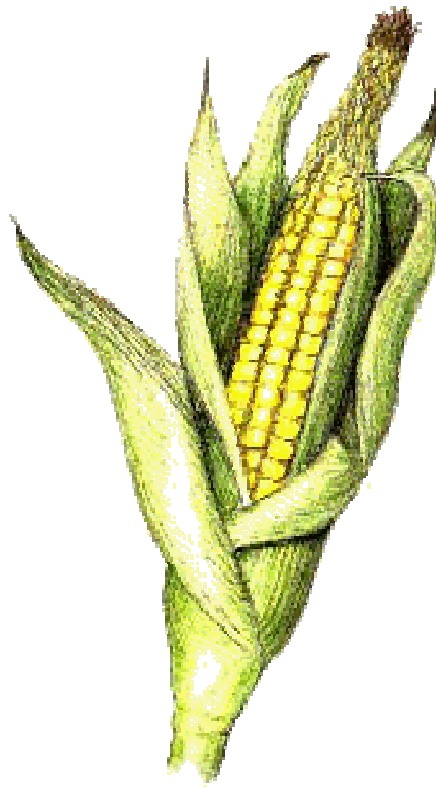


Manual plant sap sampling

Corn



Contact details

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Sampling and sending samples

Location

Take the following steps into account when collecting leaf samples:

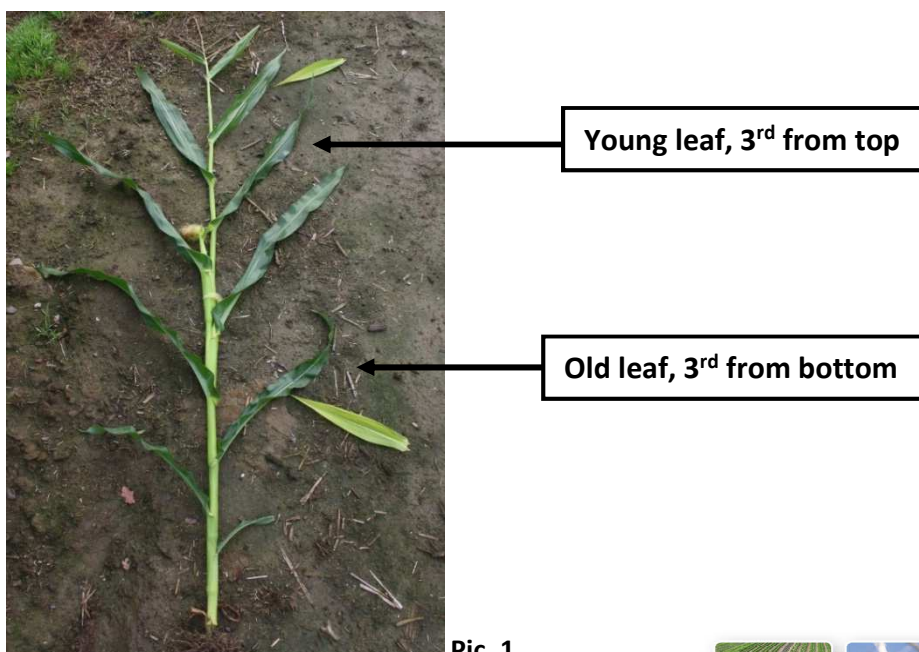
- Avoid the outer rows of the field. Also avoid the first and last 10 meters of a row.
- Sample leaves with an average leaf quality. Sample abnormal plants with e.g. deficiency symptoms separately. Might a deficiency be present in the young or old leaves of the total crop, then sample these leaves regularly as a young or old leaf sample.
- Take into account 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 young leaf sample, pick the **youngest, fully developed leaves**. For corn this will be the 3rd leaf from the top of the plant. Also pick (separately) the **oldest, but still vital leaves**. Most of time this is the 3rd leaf from the lowest part of the plant (see pic 1). The part from the middle of the leaves will be used for the samples (see pic 2).



Pic. 1





Pic. 2

10 cm. from the middle is used for the leaf sample

Lowest part of the leaf will not be used

The top of the leaf will not be used

Sample size

For an average, representative sample about 20 leaves are needed. Of course sample size can vary, depending on leaf type (size and thickness). Might you doubt about the sample size, please feel free to contact us.

Packing the leaf samples

Please pack the young and old leaf samples separately, these will be two different samples. When leaves are humid because of rain, please dry them with a tissue before you pack them.

To assure fluent processing please stack the leaves, fold the leaves if needed, and put them in a plastic zip-lock bag carefully. 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). It is possible to order pre-printed labels. Contact us about the possibilities.



Packing the samples

Put all samples in the envelope and make sure it fits in a mailbox (max 3,5 cm. high).



Sending the samples

The sample zip-lock bags with barcode can be sent in the envelope, in case you want to send more than one sample, please send them together in 1 box, so they will arrive together. Then put sufficient postage on the envelope or package. Always check the weight. Please take care that 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 DHL or 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
Gasthuisstraat 20
5061 PB Oisterwijk
The Netherlands

