

## Plant sap sampling guide

### *Onion*



#### Contact details

NovaCropControl  
Gasthuisstraat 20  
5061 PB Oisterwijk  
The Netherlands  
info@novacropcontrol.nnl  
[www.novacropcontrol.nl](http://www.novacropcontrol.nl)



## ***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.

### **Moisture on the leaves**

To assure proper processing of the samples, please stack the leaves. When leaves are humid it is needed to dry them, water will affect the sample results. This can be done with a tissue (see pic. 1, strawberry as an example). Moreover, the leaves will spoil faster if there is water in the sample bag.



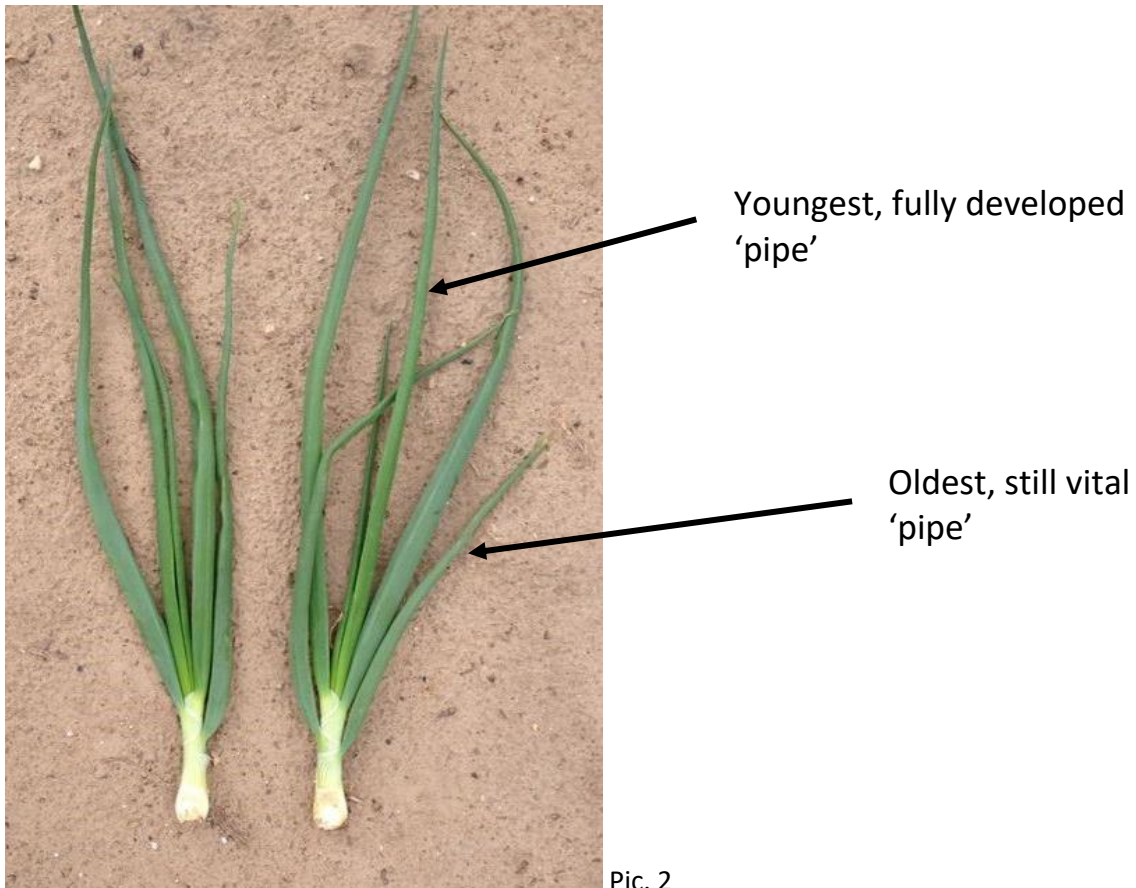
Pic. 1





### Plant parts

For a young leaf sample, pick the **youngest, fully developed “pipes”**. Also pick (separately) the **oldest, but still vital “pipes”**. Stack the pipes and remove the petioles/first 1.5 inch from the base of the pipe , as they will not give a good indication and influence the sample (picture 2).



### Sample size

Per sample (both young and old) 30 leaves are needed, at least 150 grams.







### Packing the leaf samples

Put the leaves 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).



### Fruit samples

To avoid problems at the border and customs, please do not send us fruit samples. The whole sample package, including your leaf and/or water samples will be put on hold.





### Packing the samples

Put all samples in the envelope and make sure it fits in a mailbox (max 1.4 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 together in 1 box. Be sure to put sufficient postage on the envelope or package. Always check the weight. Be sure that envelopes are sealed well. You can put 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**  
Gasthuisstraat 20  
5061 PB Oisterwijk  
The Netherlands

