



## NATIONAL INSTITUTE OF BIOLOGY

DEPARTMENT OF BIOTECHNOLOGY AND SYSTEMS BIOLOGY

# INSTRUCTIONS FOR SAMPLING AND SAMPLE PREPARATION FOR TESTING OF PLANT PATHOGENS

### How to choose your sample:

Choosing the sample and the right method of sending it is very important for successful defining of plant disease agents. Therefore, we ask you to follow these instructions:

Try to send a representative sample that has all the signs on.

When choosing vegetal material, try to find a plant where both can be seen; the sick and the healthy tissue. Wherever possible, enclose a healthy vegetal material for comparison.

It is recommendable to enclose a healthy plant from the other part of plantation.

In case the signs on leaves and sprouts indicate general decaying, and, therefore, a possibility of root damage, send the whole plant system and soil if possible.

### How to send the sample

<b>Plants with roots and soil or plants in pots</b>	Wrap the pot or roots with a plastic bag and bind it around the stalk. Put the whole plant into a bit inflated plastic bag and close it.
<b>Fruit, vegetable, tubers (except potato), bulbs samples</b>	Put the sample in an absorptive paper, put it into a bit inflated plastic bag and close it.
<b>Leaves and sprouts</b> <ul style="list-style-type: none"><li>- Suspicion of virus infection:</li><li>- Suspicion of other/unknown infections:</li></ul>	Put the sample into a bit inflated plastic bag and close it.  Wrap the sample into a damp absorptive paper, put it into a bit inflated bag and close it.
<b>Potato tubers</b>	Wrap the sample into a dry, absorptive paper. Do not put the sample into a plastic bag!

Put all samples into a strong cardboard box and protect the box with paper. Put the form Prijava vzorca za rastlinske povzročitelje bolezni into a separate bag and put the bag into the box. Close, paste and seal the box.

### Contact Address and sample delivery:

National Institute of Biology,  
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Send your samples with priority mail or with delivery service that guarantees delivery on the next day. Refrain from sending samples on weekends and holidays. We accept samples every work day between 8:00 and 14:00 hours.

In case we identify a disease agent listed in the list of harmful organisms under the Regulations on prevention of introduction, spread and extermination of harmful organisms (Official Gazette of RS, no. 69/01), we have to inform Phytosanitary Authorities as the Act on health of plants demands (Official Gazette, no. 45-4990/01). This laboratory agrees it will take care, within its power, to provide credible identification of delivered samples, but it cannot accept liability in case of damages suffered by clients, which result from our work.



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