

# Rhizoctonia spp.

## field diagnosis

POCKET<sup>®</sup>  
DIAGNOSTIC



*Rhizoctonia* is a very widespread fungus, with the potential to cause locally severe damage across a broad host range. The pathogen is of particular interest to the protected ornamentals sector, including cut flowers.

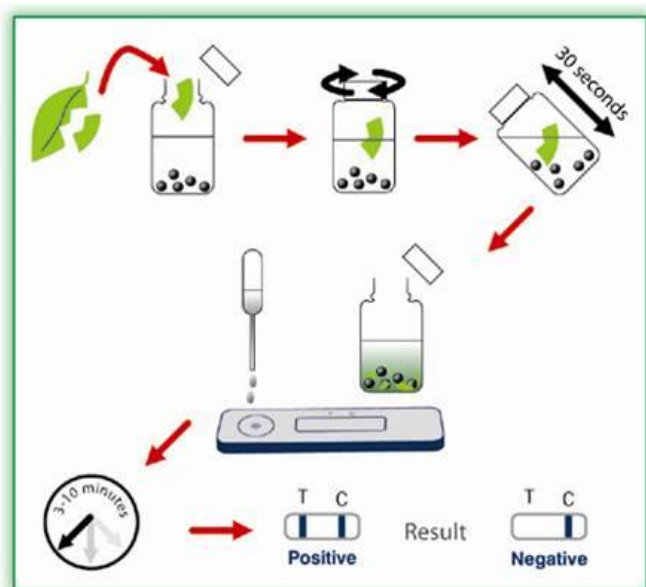
- **Common name:** damping off/root rot
- **Symptoms:** on seedlings, a collar rot and sudden collapse, on older plants, the infection can rapidly spread to foliage under high humidity, on roots infection can cause lesions which strip away the root sheath.
- **Host range:** very wide, especially seedlings and ferns.
- **Test specificity:** the test will detect many species of *Rhizoctonia*.
- **Test format:** lateral flow test in plastic cassette.

## Designed for on-site use

All Pocket Diagnostic kits put disease diagnosis in the hands of growers, consultants and inspectors.

Sampling and testing can be carried out in a few minutes in the field or glasshouse. Pocket Diagnostic kits use a unique 'ball and bottle' extraction method which optimises separation of the pathogen from the plant tissues in no more than 60 seconds.

Results appear in the viewing window of the test device approximately 5 minutes after starting the test. The result is easy to read, allowing the user to make simple 'yes/no' interpretation



## Use of the *Rhizoctonia* test

The *Rhizoctonia* test is designed to be used in the field or glasshouse, and can be used by operators with little or no training. Pocket Diagnostic test results form an important part of the information mix required for sound decision making in routine screening or disease control situations.

Testing is usually carried out on symptomatic plants where the disease is suspected. Samples for testing can be taken from any part of the plant, at any stage during the production cycle.

## Storage and shelf life

Pocket Diagnostic kits should be stored at room temperature (up to 40°C). Tests are supplied with at least a 9 month shelf life.

## Quality standards

Pocket Diagnostic tests are manufactured under conditions which meet ISO9001 quality standards. Production and packaging are carried out in environmentally-controlled facilities, using the latest in automated manufacturing equipment.

## Test kit packs

*Rhizoctonia* test kit; containing 1 x *Rhizoctonia* test device, 1 x sample extraction bottle, 1 x pipette and full instructions. Pocket Diagnostic kits contain everything necessary to carry out testing.

### Further information and ordering

For further information, price list and order form visit [www.pocketdiagnostickits.com.au](http://www.pocketdiagnostickits.com.au) or contact John McDonald, Industry Development Manager, email: [nido@ngiq.asn.au](mailto:nido@ngiq.asn.au) or phone 07 3277 7900

POCKET<sup>®</sup>  
DIAGNOSTIC