

Phytophthora spp.

field diagnosis

POCKET[®]
DIAGNOSTIC



The genus *Phytophthora* contains a number of important plant pathogens capable of causing serious consequences in crop and amenity plants.

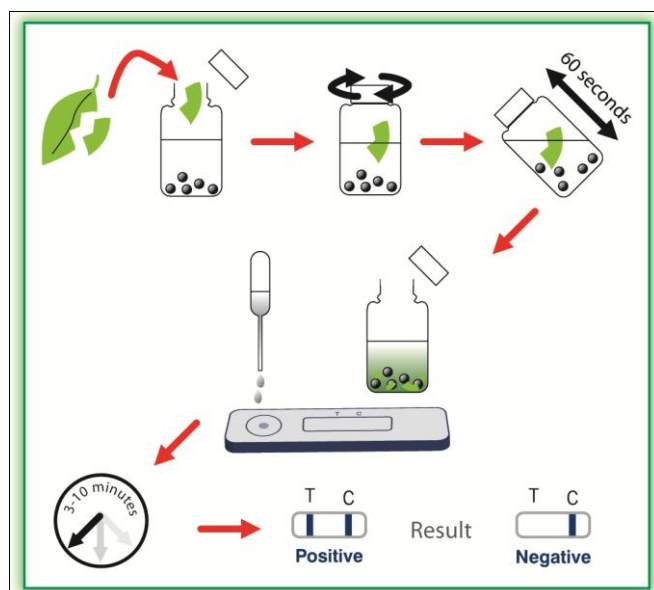
- **Common name:** potato late blight, strawberry crown rot and root rot, ramorum blight, sudden oak death.
- **Symptoms:** variable including root/crown rotting, damping off, stem base decay, lesions and cankers, leaf, tuber and flower blight, corm and fruit rot.
- **Host range:** very wide, depending on species of *Phytophthora*.
- **Test specificity:** all species of the genus *Phytophthora*.
- **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 *Phytophthora* test

The *Phytophthora* test is designed to be used in the field or on the nursery, 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.

The *Phytophthora* Pocket Diagnostic test kit is used widely across the horticultural industry and by statutory authorities for the detection of the pathogen. Samples can be screened effectively using the on-site test, and where necessary, positive results confirmed by laboratory analysis.

The test can be used with woody material, for example to detect *Phytophthora* spp. in trees, or with herbaceous

material such as strawberry. Samples for testing can be taken from all parts of the plant.

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

Phytophthora test kit; containing 1 x *Phytophthora* 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 or contact John McDonald, Industry Development Manager, email: nido@ngiq.asn.au or phone 07 3277 7900

POCKET[®]
DIAGNOSTIC