







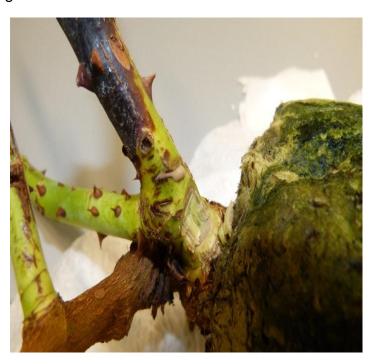
Pest Alert: Ralstonia solanacearum (race 1) – on ornamentals

- Since August 2014, the bacterium *Ralstonia solanacearum* (race 1), has been confirmed in the Netherlands on *Curcuma* plants for planting and *Anthurium* and ornamental *Rosa* produced for cut flowers. *Ralstonia solanacearum* has also been identified on *Rosa* in Belgium, though the race is not yet confirmed.
- R. solanacearum (race 1) has a wide host range and can cause brown rot in potatoes, but pathways for the spread of infection between glasshouse horticulture and potato crops are unlikely. Race 3 is the causal agent of potato brown rot in Europe.
- R. solanacearum (race 1) is mainly spread through movement of infected planting material and via contaminated water.
- Symptoms seen: stems with black discoloration and necrosis, chlorotic and wilting leaves.

Fig 1: Wilting symptoms on young shoots of Rosa plants in greenhouse. Photo courtesy of Netherlands Plant Protection Organisation



Fig 2: Necrotic stems and brown discoloration of stems on *Rosa*. Photo courtesy of Netherlands Plant Protection Organisation.



For England and Wales, contact your local APHA Plant Health and Seeds Inspector, or the PHSI headquarters, in York: Tel:

01904 405138

Email: planthealth.info@apha.gsi.gov.uk

Web: https://www.gov.uk/plant-health-controls

For Scotland, contact the Scottish Government's Horticulture and Marketing Unit:

Tel: 0131 244 8935

Email: hort.marketing@gov.scot

Web: http://www.gov.scot/PlantHealth/PlantDiseases

For Northern Ireland, contact the DARD Plant Health Inspection Branch:

Tel: 0300 200 7847

Email: planthealth@dardni.gov.uk

Web: www.dardni.gov.uk