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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.



If you see any suspicious symptoms, please inform the relevant authority given overleaf

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