

Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

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Pest report from NPPO of Germany

Responsible: Julius Kühn-Institut (JKI), Institute for National and International Plant Health

Report sent in 12th April 2012

Reason for reporting: Finding of a quarantine pest in Germany

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| Identity of the pest: | <i>Ralstonia solanacearum</i> |
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| Categorization of the pest: | Quarantine pest listed in Directive 2000/29/EC Annex I AII No. 2 and listed in the EPPO A2 list |
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| Host plants concerned: | <i>Pelargonium zonale</i> 'Trend Red' and 'Salmon' |
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| Location: | The pest was found in the Federal Land Rhineland-Palatinate. |
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Short description:

- **Date of finding:** *Ralstonia solanacearum* was found in March 2012.
- **General context of the pest report:** 15 potted plants in a nursery produced for final consumers were found to be infested. The relevant lot contained 500 plants. The infested plants showed wilting symptoms. The pathogen was isolated from these plants and identified in the official laboratory of the regional plant protection service. The tests performed were selective plating on SMSA, IF-test, PCR, and pathogenicity test in tomato plants. The isolated culture was identified as *Ralstonia solanacearum* race 3 pathovar 2. The determination of the race and the pathovar was done at the JKI, Institute for National and International Plant Health.
The plants were delivered from another nursery who bought the cuttings from a supplier in Egypt. Trace back investigations are ongoing but until now the source of infestation is unknown.
- **Are official control measures being taken?** Yes, the relevant lot has been destroyed and sanitary measures were taken in the nursery.
- **References/Links:** -

Any additional information: Please find more information about *Ralstonia solanacearum* in Germany in the report on the survey of potato brown rot dated 24th June 2011 according to the Council Directive 98/57/EC.

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