



July 2021 PEST Report - THE NETHERLANDS

1.1 First finding of *Ralstonia pseudosolanacearum* in surface water in the Netherlands (provinces Utrecht and Overijssel)

1.2 Executive summary

This report concerns the official finding of *Ralstonia pseudosolanacearum* (phylotype I) in the Netherlands in surface water, as part of the regular survey for *Ralstonia* sp. in surface water. The organism was isolated from two water samples taken in August 2020 for testing on *Ralstonia solanacearum*. On 1 March 2021 official laboratory testing confirmed the identity of *Ralstonia pseudosolanacearum*. Due to the fact that the water temperature in the Netherlands is too low at this time of the year to detect the organism, no additional water samples could be taken. This is foreseen in June and August 2021. The source of the infection is unclear. No greenhouses with host plants are within 5 km radius of the points where the water samples were taken. The organism is listed as quarantine pest as part of EU regulation 2016/2031 .

Identity of the pest (scientific name) *Ralstonia pseudosolanacearum* (phylotype I)

Categorization of the pest (Quarantine pest, EU Annex II A of implementing Regulation (EU) 2019/2072)

Location: municipalities of Stichtse Vecht and Hellendoorn

Reason of the notification: First report

How the pest was found (e.g. (2) survey related to an eradicated outbreak of the harmful organism;

Information on the infested area, severity and source of the outbreak - summary

Two water samples tested positive for *R. pseudosolanacearum*. Due to the fact that the water temperature in the Netherlands is too low in February to detect the organism, no additional water samples have been taken. The source of the infection is unclear. No greenhouses with host plants are within 5 km radius of the points where the water samples were taken.

Official phytosanitary measures - summary

No official phytosanitary measures have been taken. It is questionable whether the bacterium can survive winter conditions in the Netherlands. New water samples will be taken in June and August 2021, to check whether the organism can be detected again in the surface water.

In any case there is an integral prohibition for the use of surface water for seed potatoes in the Netherlands and a prohibition for using surface water for cultivation of all types of potatoes in areas where EU regulated *Ralstonia* species are known to occur in specific surface water areas.

1.3 Type of notification

(2) full notification (second notification within 30 days)

2.1 Single Authority

Notification from the National Plant Protection Organization of the Netherlands – Netherlands Food and Consumer Product Safety Authority

2.2 Official contact	M.S.W Gerrits +31651229622 Email: m.s.w.gerrits@nvwa.nl
3. Location of presence of harmful organism	3.1 Provinces; Utrecht and Overijssel
3.2 Map of the location.	
4. Reason of the notification and pest status	4.1 (1) First presence of the harmful organism in surface water First report
	(9) Absent: Pest eradicated,
4.4 Current Pest status	(14) Transient: actionable, under surveillance;
5. Information relating to the finding.	5.1 How the harmful organism was found. (2) survey related to an eradicated outbreak of a harmful organism in water samples taken in August 2020.
5.2 Date of finding.	1 March 2021
5.3 Sampling for laboratory analysis	Water samples were collected by filling tubes with surface water in duplo at selected sampling points
5.4 Laboratory	Mr Maikel Aveskamp Tel: +31 6 11522844 Email: m.m.aveskamp@nvwa.nl National Reference Centre - NPPO of the Netherlands
5.5 Diagnostic method.	Select (1) According to peer reviewed protocol; EU-Directive 2006/63/EC and EPPO diagnostic standard PM7/21, with extra sequence analysis/phylogroup determination of <i>Ralstonia solanacearum</i> phylotype.
5.6 Date of official confirmation of the harmful organism's identity	1 March 2021
6. Information related to the area, severity of the finding and source of the finding	6.1. Open water way with no greenhouses with host plants within 5 km radius from the sample points
6.2. Characteristics of the infested area and its vicinity.	Indication of one or more of the following options: (2) Open air – other (2.5) other, Surface water

6.3. Host plants in the infested area and its vicinity.	Open water way with no greenhouses with host plants within 5 km radius from the sample points. In March it is not possible to check whether wild host plants are grown at the waterfront.
6.4. Infested plant(s), plant product(s) and other object(s).	Not applicable
6.5. Vectors present in the area.	Not applicable
6.6. Severity of the outbreak.	<i>R. pseudosolanacearum</i> is detected in March in two independent isolates, which were isolated from water samples taken in August 2020.
6.7. Source of the outbreak.	Source of the outbreak is unknown.
7. Official phytosanitary measures	
7.1. Adoption of official phytosanitary measures.	(4) Decision on whether official phytosanitary measures will be taken is pending, because in June and August 2021 several new water samples will be taken at and around the same sample points to determine whether the bacterium is still present. In any case there is an integral prohibition for the use of surface water for seed potatoes in the Netherlands and a prohibition for using surface water for cultivation of all types of potatoes in areas where EU regulated <i>Ralstonia</i> species are known to occur in specific surface water areas.
7.2. Date of adoption of the official phytosanitary measures. In case of temporary measures, indication of their expected duration.	1 March 2021. See 7.1 on restrictions for use of surface water.
7.3. Identification of the area covered by official phytosanitary measures — indicate the method used to identify the area covered by official phytosanitary measures.	

Provide the results of the surveys that have been carried out.	
7.4. Objective of the official phytosanitary measures.	Eradication.
7.5. Measures affecting the movement of goods. Indication of one of the following options	(2) measures do not affect import into or movement within the Union of goods.
7.6. Specific surveys.	In June and August water samples will be taken at the same sample points and about 20 extra sample points are selected in a 5 km radius around the sample points
8. Pest risk analysis/assessment	(1) Pest risk analysis is not required (harmful organism is listed in Annex II of Regulation 2019/2072, or is subject to measures adopted pursuant to Article 30 of Regulation 2016/2031).
9. Links to relevant websites, other sources of information.	https://english.nvwa.nl/topics/pest-reporting/contents/pest-reports