



## April 2023 – PEST report

### THE NETHERLANDS

**National Plant Protection Organization**  
POBox 9102  
6700 HC Wageningen  
The Netherlands

#### 1.1 Tomato ringspot virus (ToRSV) finding on 11 plants for planting of *Phlox stolonifera*. Change of pest status from Transient to Present, symptomless findings in *Iris germanica* and *Phlox stolonifera* ornamental plants for planting.

##### 1.2 Executive summary

This concerns the first finding of ToRSV since 2018 (see outbreak 635) on 11 plants for planting of *Phlox stolonifera*. The finding was confirmed following a report by the operator based on its own examinations (including testing) as a precautionary measure. No symptoms were observed and other lots in the same production site were tested negative for ToRSV.

The previous finding of 2018 concerned a mixed infection of ToRSV and TRSV in one sample taken from *Iris Germanica* as part of a national specific survey.

The possible source of the infection is probably related to vegetative propagation since the vectors (species within the *Xiphinema americanum* complex) are absent as based on specific surveys.

##### Change of pest status and amendment of phytosanitary measures for ToRSV

On the basis of this second finding without symptoms in the Netherlands, it is presumed that the virus is wider spread than currently known, both in terms of geographic distribution as well as in terms of host plants.

In case of future findings measures will be taken for infected lots (destruction). Following a finding the Netherlands will no longer test all other (potential) host plants at a company.

The pest status for the Netherlands for ToRSV is changed to:

Present, findings in species of *Iris germanica* and *Phlox stolonifera* ornamental plants for planting.

<b>1.3 Type of notification</b>	Full notification
<b>2.1 Single Authority</b>	Notification from the National Plant Protection Organization of the Netherlands – Netherlands Food and Consumer Product Safety Authority
<b>2.2 Official contact</b>	M.B. de Hoop. +31651584878 Email: <a href="mailto:m.b.dehoop@nvwa.nl">m.b.dehoop@nvwa.nl</a>
<b>3. Location of presence of harmful organism</b>	Aalsmeer
3.2 Map of the location.	Not relevant.
<b>4. Reason of the notification and pest status</b>	presence of the harmful organism
<b>4.3 Previous Pest status</b>	(16) Transient: actionable, under eradication

<b>4.4 Current Pest status</b>	Present, findings in species of <i>Iris germanica</i> and <i>Phlox stolonifera</i> ornamental plants for planting.
<b>5. Information relating to the finding</b>	Information from an operator.
5.2 Date of finding	19 April 2023 Date report operator: 29 March 2023
5.3 Sampling for laboratory analysis	Leaf samples of asymptomatic individual plants were taken.
5.4 Laboratory	Netherlands Institute for Vectors Invasive plants and Plant health (NIVIP) - NPPO of the Netherlands Ms Floor Peeters Tel: +31 615104153 Email: f.m.peeters@nvwa.nl
5.5 Diagnostic method	Leaf samples of (asymptomatic) plants were analysed by NIVIP, the accredited National Reference Laboratory and tested with Illumina Sequencing (RNAseq). Additionally, a serological test was positive for ToRSV.
5.6 Date of official confirmation of the harmful organism's identity	19 April 2023
<b>6. Information related to the area, severity of the finding and source of the finding</b>	Affected number of plants: 11 plants of <i>Phlox stolonifera</i>
6.2. Characteristics of the infested area and its vicinity.	Professional greenhouse. Plants for planting.
6.3. Host plants in the infested area and its vicinity.	
6.4. Infested plant(s), plant product(s) and other object(s).	Affected number of plants: 11 plants of <i>Phlox stolonifera</i>
6.5. Vectors present in the area.	No vectors detected.
6.6. Severity of the outbreak.	No symptoms were observed.

6.7. Source of the outbreak.	Unknown.
<b>7. Official phytosanitary measures</b>	
7.1. Adoption of official phytosanitary measures.	(2) Official phytosanitary measures have been taken. In case of future findings measures will be taken for infected lots (destruction) to prevent spread of the virus. Following a finding the Netherlands will no longer test all other (potential) host plants at a company.
7.2. Date of adoption of the official phytosanitary measures. In case of temporary measures, indication of their expected duration.	31 March 2023
7.4. Objective of the official phytosanitary measures.	(1) 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.	Not relevant.
<b>8. Pest risk analysis/assessment</b>	(1) Pest risk analysis is not required (harmful organism is listed in Annex I of Directive 2000/29/EC
<b>9. Links to relevant websites, other sources of information.</b>	<a href="https://english.nvwa.nl/topics/pest-reporting/contents/pest-reports">https://english.nvwa.nl/topics/pest-reporting/contents/pest-reports</a>