



August 2018 PEST Report - THE NETHERLANDS

National Plant Protection Organization
POBox 9102
6700 HC Wageningen
The Netherlands

1.1 Findings of Tobacco ringspot virus (TRSV) and first finding of Tomato ringspot virus (ToRSV) in plants for planting of *Iris germanica*.

1.2 Executive summary

This report concerns findings of Tobacco ringspot virus (TRSV) in two lots of plants for planting of *Iris germanica* (variety 'Gleaming Gold'), and TRSV and Tomato Ringspot virus (ToRSV) in variety 'Swahili' as based on positive testing outcomes on 29 August 2018. These findings are the result of a specific survey whereby asymptomatic plants have been sampled and tested. The infected *Iris* plants did not show any disease symptoms.

Phytosanitary measures will be taken whereby infected lots are destroyed. The objective of the official measures is eradication of both viruses. A specific survey will be carried out for affected varieties of *Iris germanica*. The possible source of the infection is probably related to vegetative propagation since the vectors *Xiphinema americanum sensu lato* (non-European populations) and *Xiphinema californicum* are absent as based on specific surveys. Also soil samples will be taken from the affected lots to confirm absence of vectors.

For TRSV this concerns the second finding in *Iris germanica* (pest report September 2017) whereby the earlier finding has been eradicated. Other findings of TRSV were recorded in plants for planting of *Phlox*, including a recent finding in March this year (pest report March 2018).

For ToRSV this concerns the first recorded finding in the Netherlands.

Amendment of the pest status is pending the outcome of specific surveillance in 2018 and 2019.

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| 1.3 Type of notification | (1) partial notification (first notification within 8 working 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.B. de Hoop. +31651584878 Email: m.b.dehoop@nvwa.nl |
| 3. Location of presence of harmful organism | Municipality Hillegom and Noordwijkerhout |
| 3.2 Map of the location. | Not relevant. |
| 4. Reason of the notification and pest status | (1) First presence of the harmful organism First report. |
| 4.3 Previous Pest status | (16) Transient: actionable, under eradication |
| 4.4 Current Pest status | (15) Transient: actionable, under eradication |

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| 5. Information relating to the finding. | (1) pest related official survey |
| 5.2 Date of finding. | 29 August 2018. |
| 5.3 Sampling for laboratory analysis | Leaf samples of the infected plant were analysed by the official laboratory of Naktuinbouw and tested positive in ELISA and PCR. |
| 5.4 Laboratory | NPPO of the Netherlands - National Reference Centre Mr. Maikel Aveskamp Tel: +31 611522844 Email: m.m.aveskamp@nvwa.nl |
| 5.5 Diagnostic method. | See 5.3. |
| 5.6 Date of official confirmation of the harmful organism's identity | 29 August 2018 |
| 6. Information related to the area, severity of the finding and source of the finding | 6.1. (1) infested surface: Two lot of plants for planting of <i>Iris germanica</i> on 115 m2. |
| 6.2. Characteristics of the infested area and its vicinity. | (1) Open air – production area (1.1) field (arable, pasture); plants for planting |
| 6.3. Host plants in the infested area and its vicinity. | Other lots of <i>Iris spp.</i> |
| 6.4. Infested plant(s), plant product(s) and other object(s). | Two lots of plants for planting of <i>Iris germanica</i> |
| 6.5. Vectors present in the area. | Not relevant. |
| 6.6. Severity of the outbreak. | No symptoms were observed. |
| 6.7. Source of the outbreak. | Unknown. |
| 7. Official phytosanitary measures | |
| 7.1. Adoption of official | (3) Official phytosanitary measures will be taken. |

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| phytosanitary measures. | |
| 7.2. Date of adoption of the official phytosanitary measures. In case of temporary measures, indication of their expected duration. | 29 August 2018 |
| 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. | Follow-up surveys will be completed for affected varieties of <i>Iris germanica</i> . |
| 8. Pest risk analysis/assessment | (1) Pest risk analysis is not required (harmful organism is listed in Annex I of Directive 2000/29/EC |
| 9. Links to relevant websites, other sources of information. | https://english.nvwa.nl/topics/pest-reporting/contents/pest-reports |