

Notification of the presence of a harmful organism – update

1 General information	
1.1 Title	Update of an outbreak of Tomato brown rugose fruit virus (ToBRFV) in Germany (Brandenburg)
1.2 Executive summary	<p>In 2023, ToBRFV has been notified by a tomato grower who informed the plant protection service of Brandenburg which then took official samples. ToBRFV was confirmed in 2 lots of 1 variety so far which was grown in 2 greenhouses. The other tomato plants of the grower are being tested too. Official eradication measures have been taken.</p> <p><u>Update 2023:</u> On 13th June 2023, intensive sampling and testing was carried out in the greenhouses. ToBRFV could be detected in 3 of the 4 greenhouses on the varieties 'Rebelski', 'Cappricia' and 'Brioso'. Official eradication measures have been implemented, especially hygiene measures. The plants and the substrate will be destroyed at the end of the harvest season at the latest.</p>
2 Information concerning the single authority and responsible persons	
2.1 Notification from	Julius Kühn-Institut (JKI), Institute for National and International Plant Health, Germany
2.2 Official contact:	Katrin Kaminski, outbreaks@julius-kuehn.de
3 Location	
3.1 Location	In Brandenburg
4 Reason of the notification and the pest status	
4.1 First finding in Germany or in the area	Confirmed appearance of the pest in part of the territory of Germany, in which it has been previously present but eradicated.

4.2 Pest status of the area where the harmful organism has been found present, after the official confirmation.	Present: under eradication, in specific parts of the area where host plants are grown
4.3 Pest status in Germany before the official confirmation of the presence, or suspected presence, of the harmful organism.	Present: under eradication
4.4 Pest status in Germany after the official confirmation of the presence of the harmful organism.	Present: under eradication
5 Finding, sampling, testing and confirmation of the harmful organism	
5.1 How the presence or appearance of the harmful organism was found.	Information submitted by professional operators, laboratories or other persons. The tomato grower informed the plant protection service about symptoms and provided a picture. Afterwards, the plant protection service took samples.
5.2 Date of finding:	31-05-2023
5.3 Sampling for laboratory analysis.	Date of sampling: 30-05-2023
5.4 Name and address of the Laboratory	Landesamt für Ländliche Entwicklung, Landwirtschaft und Flurneuordnung (LELF) Referat 43 Saatenanerkennung, Phytopathologie Steinplatz 1 15806 Zossen Germany
5.5 Diagnostic method	According to peer reviewed protocols PM 7/146 (2) – Tomato brown rugose fruit
5.6 Date of official confirmation of the harmful organism's identity.	09-06-2023
6 Infested area, and the severity and source of the outbreak in that area	
6.1 Size and delimitation of the infested area.	5 ha
6.2 Characteristics of the infested area and its vicinity.	Physically closed conditions: greenhouse Plant already planted, not to be reproduced or moved
6.3 Host plants in the infested area and its vicinity	<i>Solanum lycopersicum</i>
6.4 Infested plant(s), plant product(s) and other object(s).	<i>Solanum lycopersicum</i> (39 000 pce)

	<p>The size of the area has not yet been finally determined.</p> <p>At most 39000 plants can be infested but this is currently not yet the case. There is a focus of infestation in the variety 'Briso', lot no. 149514. However, the source of infestation cannot be determined any more.</p>
6.5 Severity of the outbreak	<p>The infestation seems to spread within the greenhouses because of the insufficient hygiene measures before the identification of ToBRFV. Obviously the infestation spreads from a focus of infestation within the greenhouses despite the implementation of hygiene measures.</p>
6.6 Source of the outbreak	<p>It is suspected that ToBRFV has been introduced with young plants from the Netherlands who will be informed. The consignment consisted of 2 lots of 1 variety.</p>
7 Official phytosanitary measures	
7.1 Adoption of official phytosanitary measures.	<p>Official phytosanitary measures will be taken. Those measures are taken inside the demarcated area.</p> <p>Preliminary measures have been taken by the grower and the measures according to Art. 6 (3) b of the IR (EU) 2023/1032 are implemented as appropriate in the infested zone by the plant protection service. Hygiene measures are carried out. The plants and substrate will be destroyed at the end of the harvest season at the latest. No buffer zone was demarcated because of the closed conditions in the greenhouses.</p>
7.2 Date of adoption of the official phytosanitary measures.	01-06-2023
7.3 Objective of the official phytosanitary measures.	Eradication
7.4 Measures affecting the movement of goods.	Measures do not affect import into or movement within the Union of goods.
7.5 Specific surveys.	No
8 Pest risk analysis/assessment	<p>Pest risk assessment is not required. Harmful organism is subject to measures referred to in the second subparagraph of Article 30(1) of Regulation (EU) 2016/2031.</p>