Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

JKI, Messeweg 11/12 , 38104 Braunschweig, Germany

Julius Kühn-Institut
Bundesforschungsinstitut für Kulturpflanzen

Federal Research Centre for Cultivated Plants

www.julius-kuehn.de

27-10-2022

Notification of the presence of a harmful organism

1 General information	
1.1 Title	Confirmed presence of Tomato brown rugose fruit virus (ToBRFV) in Germany (Baden-Wuerttemberg)
1.2 Executive summary	In June 2022, the plant protection service of Baden-Württemberg carried out an inspection due to registration according to Article 65 of Regulation (EU) 2016/2031 at an amateur gardener offering tomato seeds in his online store. Seed samples of all 92 varieties were taken and tested in the official laboratory of Baden-Wuerttemberg as 13 mixed samples. 4 of the mixed samples were tested positive. For 4 mixed samples, the result was uncertain and retesting was necessary. All mixed samples were retested in the national reference laboratory with the same result. Distribution of all positive and uncertain seed lots has been forbidden and retesting of the 49 varieties has been performed by the national reference laboratory in September 2022. In total 11 varieties were tested positive. The infested seed lots have been destroyed. Seeds of the following varieties were found to be infested: 'Persuasion', 'Cherokee purple', 'Rheinlands Rhum', 'Helsing Junction', 'Liguria', 'Grappolo', 'Katinka', 'Black Zebra Cherry', 'Fiaschetto', 'Money Maker' and 'Datlo'. Trace-back investigations are ongoing.
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, Tel: +49 39 46 47 7515, outbreaks@julius-kuehn.de
3 Location	
3.1 Location	In Baden-Wuerttemberg

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 its presence was previously unknown.
4.2	Pest status of the area where the harmful organism has been found present, after the official confirmation.	Present: transient, 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: transient, 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.	Phytosanitary inspection of any type. Inspection of the seeds in order to allow the issuance of plant passports.
5.2	Date of finding:	10-08-2022
5.3	Sampling for laboratory analysis.	Date of sampling: 22-06-2022
5.4	Name and address of the Laboratory	Landwirtschaftliches Technologiezentrum Augustenberg (LTZ) – Referat 33 Neßlerstraße 25 76227 Karlsruhe Germany Julius Kühn-Institut - Institut für Epidemiologie und Pathogendiagnostik Messeweg 11-12 38104 Braunschweig Germany
5.5	Diagnostic method	According to IR (EU) 2020/1191 Annex 3 Real-Time RT-PCR (Menzel & Winter) Real-Time RT-PCR (ISHI, 2019 VALITEST)
5.6	Date of official confirmation of the harmful organism's identity.	28-09-2022
6	**Infested area, and the severity and source of the outbreak in that area**	
6.1	Characteristics of the infested area and its vicinity.	Open air – private garden Plant to be (re) planted or reproduced.

6.2 Host plants in the infested area and its vicinity	*Solanum lycopersicum* (30 650 pce)
6.3 Infested plant(s), plant product(s) and other object(s).	*Solanum lycopersicum* (30 650 pce) The seeds were produced in 2021. Mother plants were not found.
6.4 Severity of the outbreak	No infested tomato plants were detected except the infested seeds.
6.5 Source of the outbreak	Unknown
7 **Official phytosanitary measures**	
7.1 Adoption of official phytosanitary measures.	Official phytosanitary measures have been taken. No demarcated area is established. Destruction of all infested seeds.
7.2 Date of adoption of the phytosanitary measures.	18-10-2022
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**	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.