Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit
Institute for National and International Plant Health

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Notification of the presence of a harmful organism (1209) – update

1 General information	
1.1 Title	Update on a finding of *Synchytrium endobioticum* in Germany (Bavaria)
1.2 Executive summary	While conducting a quality inspection on 4th August 2020, *Synchytrium endobioticum* was found in a lot of ware potatoes (cultivar 'Amora'). The inspection was carried out by a member of the Landeskuratorium für pflanzliche Erzeugung Bayern e.V. in a potato bunker of a potato factory. During harvesting from August to September, inspectors of the plant protection service found further 3 infected cultivars in the original production site: 'Fontane', 'Zorba' and 'Euroresa'. None of the cultivars showed resistance against potato wart disease but only for race 1, which is not present in Germany. Subsequently, a contaminated plot of 4.32 ha was demarcated. The safety zone includes 6 fields of 6.1 ha belonging to 5 different farms. The source of the infestation is unknown. **Update January 2025: The pathotype identification using differential cultivars has revealed that this isolate is not one of the pathotypes described in the Implementing Regulation (EU) 2022/1195.**
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
3 Location	
3.1 Location	In Bavaria
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 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, under eradication
4.3 Pest status in Germany before the official confirmation of the presence, or suspected presence, of the harmful organism.	Present, at low prevalence, few occurrences
4.4 Pest status in Germany after the official confirmation of the presence of the harmful organism.	Present, at low prevalence, few occurrences
5 Finding, sampling, testing and confirmation of the harmful organism	
5.1 How the presence or appearance of the harmful organism was found.	Official inspection for purposes other than phytosanitary ones. While conducting a visual quality inspection on 4th August 2020, *Synchytrium endobioticum* was found in a lot of ware potatoes (cultivar 'Amora'). The inspection was carried out by a member of the Landeskuratorium für pflanzliche Erzeugung Bayern e.V. in a potato bunker of a potato factory. During harvest from August to September, inspectors of the plant protection service found further 3 infected cultivars ('Fontane', 'Zorba' and 'Euroresa') in the original production site. Each time many tubers with typical symptoms were sampled.
5.2 Date of finding:	05-08-2020
5.3 Sampling for laboratory analysis.	Tubers with symptoms were sampled. Soil was not investigated.
5.4 Name and address of the Laboratory	Bayerische Landesanstalt für Landwirtschaft (LfL) – Institut für Pflanzenschutz Lange Point 10 85354 Freising Germany
5.5 Diagnostic method	**<u>Update 2024:</u> Pathotype identification was conducted with a set of differential cultivars using the Glynne-Lemmerzahl method.** According to peer reviewed protocols
5.6 Date of official confirmation of the harmful organism's identity.	06-08-2020

6 Infested area, and the severity and source of the outbreak in that area	
6.1 Size and delimitation of the infested area.	4.32 ha
6.2 Characteristics of the infested area and its vicinity.	Open air – production area: field (arable, pasture) Other plant, part of a plant or plant product (ware potatoes).
6.3 Host plants in the infested area and its vicinity	*Solanum tuberosum*
6.4 Infested plant(s), plant product(s) and other object(s).	*Solanum tuberosum*
6.5 Source of the outbreak	Unknown
7 Official phytosanitary measures	
7.1 Adoption of official phytosanitary measures.	Official phytosanitary measures have been taken. Those measures are taken inside the demarcated area. Measures were taken according to Council Directive 69/464/EEC of 8 December 1969 on control of Potato Wart Disease.
7.2 Date of adoption of the official phytosanitary measures.	08-10-2020
7.3 Identification of the area covered by the official phytosanitary measures.	4 ha Contaminated plot of 4.32 ha. The safety zone includes 6 fields of 6.1 ha belonging to 5 different farms.
7.4 Objective of the official phytosanitary measures.	Eradication
7.5 Measures affecting the movement of goods.	Measures do not affect import into or movement within the Union of goods.
7.6 Specific surveys.	No
8 Pest risk analysis/assessment	Pest risk assessment is not required. Harmful organism is listed in Annex II B of Regulation (EU) 2019/2072.