Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

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Federal Research Centre for Cultivated Plants

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21-10-2021

Notification of the presence of a harmful organism

1 General information	
1.1 Title	Confirmed presence of *Synchytrium endobioticum* in Germany (Bavaria)
1.2 Executive summary	In 2021, *Synchytrium endobioticum* was found in a ware potato lot in the course of quality controls for chips production. The producer of the potatoes refused cooperation with the plant protection service and did not accept the administrative decision, because only one tuber with symptoms was found. At this time, the lot has already been processed. The pathogen was detected in a retained sample of the potato lot. Therefore, the competent authority took 4 soil samples of the concerned production site. Resting spores with living content could be detected in all 4 samples. Official phytosanitary measures are taken.
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(0)531 299 3378, outbreaks@julius-kuehn.de
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 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: 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.	Information submitted by professional operators, laboratories or other persons. On 10th September 2021, a quality control of the potato lot was carried out by visual inspection. On 17th September, a tuber with symptoms was brought to the competent authority. On 20th September, resting spores with living content of *Synchytrium endobioticum* were detected in the wart tissue.
5.2 Date of finding:	17-09-2021
5.3 Sampling for laboratory analysis.	28-09-2021
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	According to peer reviewed protocols PM 7/28 (1) - *Synchytrium endobioticum* The soil samples were dried and processed according to EPPO PM 7/028 (2). On 13th October 2021, the pathogen was confirmed by microscopic examination.
5.6 Date of official confirmation of the harmful organism's identity.	13-10-2021
6 Infested area, and the severity and source of the outbreak in that area	
6.1 Size and delimitation of the infested area.	1.21 ha
6.2 Characteristics of the infested area and its vicinity.	Open air - production area: field (arable, pasture)
6.3 Infested plant(s), plant product(s) and other object(s).	Soil (1.21 ha)

6.4 Severity of the outbreak	The current extent of infestation is low because only one small field of 1.21 ha is concerned.
6.5 Source of the outbreak	The source of the infestation is unknown. The plant protection service observed that *Synchytrium endobioticum* occurs from time to time on production sites around a starch plant located nearby due to intensive potato production in that area.
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. An infested area and a buffer zone were established as demarcated area. The buffer zone includes 0.91 ha to the west and 0.66 ha to the east of the infested field. Agricultural service roads bound it to the north and south. Potato production is forbidden in the infested area. In the buffer zone, only ware potatoes resistant to all known pathotypes may be produced.
7.2 Date of adoption of the official phytosanitary measures.	19-10-2021
7.3 Identification of the area covered by the official phytosanitary measures.	3 h (Two production sites adjacent to the infested area were demarcated as buffer zone)
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.