

Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

JKI, Messeweg 11/12 , 38104 Braunschweig, Germany



Federal Research Centre for Cultivated Plants

www.julius-kuehn.de

31-05-2021

Notification of the presence of a harmful organism

1 General information	
1.1 Title	Confirmed presence of <i>Clavibacter sepedonicus</i> in Germany (Mecklenburg-Western Pomerania)
1.2 Executive summary	In 2021, an outbreak of <i>Clavibacter sepedonicus</i> (Cs) was found in trace-back investigations of an outbreak that concerned variety 'Horizon' at another location in Mecklenburg-Western Pomerania. On 20 January 2021, a sister lot of the infested potato lot was sampled. On 13th April 2021, this sister lot was also tested positive for Cs. Official phytosanitary measures are taken including destruction of the remaining potatoes, cleaning and disinfection of transport vehicles, concerned equipment, which had contact to the infested potatoes. For the time being, it is prohibited to grow seed potatoes on this farm. A safety zone is established for 3 years with additional measures according to Directive 93/85/EEC. Trace-back investigations did not result in any clear source of infestation.
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 Mecklenburg-Western Pomerania
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, 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.	Phytosanitary inspection of any type. Inspection in the framework of trace-back investigations of another outbreak.
5.2 Date of finding:	11-02-2021
5.3 Sampling for laboratory analysis.	Date of sampling: 20-01-2021
5.4 Name and address of the Laboratory	Landesamt für Landwirtschaft, Lebensmittelsicherheit und Fischerei Mecklenburg –Vorpommern (LALLF M-V) – Abteilung Pflanzenschutzdienst Graf-Lippe-Str. 1 18059 Rostock Germany
5.5 Diagnostic method	According to peer reviewed protocols.
5.6 Date of official confirmation of the harmful organism's identity.	13-04-2021
6 Infested area, and the severity and source of the outbreak in that area	
6.1 Size and delimitation of the infested area.	117000 m ²
6.2 Characteristics of the infested area and its vicinity.	Open air – production area: field (arable, pasture) Type of element: Other plant, part of a plant or plant product
6.3 Host plants in the infested area and its vicinity	<i>Solanum tuberosum</i>
6.4 Infested plant(s), plant product(s) and other object(s).	<i>Solanum tuberosum</i>
6.5 Source of the outbreak	The initial planting material of the variety 'Horizon' originates from a propagation farm in Saxony-Anhalt.

	<p>Since infestation with the pathogen was found in two farms using planting material from the same propagation project, a clonal connection cannot be completely excluded. However, a clear proof could not be provided as no further lots from this planting material could be examined. Both farms purchased seed potatoes from different sources in this crop year. The origin of the infestation could not be clearly determined.</p>
7 Official phytosanitary measures	
7.1 Adoption of official phytosanitary measures.	<p>Official phytosanitary measures have been taken inside the demarcated area.</p> <p>Official phytosanitary measures are taken including destruction of the remaining potatoes, cleaning and disinfection of transport vehicles, concerned equipment, which had contact to the infested potatoes. For the time being, it is prohibited to grow seed potatoes on this farm. A safety zone is established for 3 years with additional measures according to Directive 93/85/EEC.</p>
7.2 Date of adoption of the official phytosanitary measures.	15-02-2021
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.	Yes, potatoes that were grown in the safety zone are officially tested.
8 Pest risk analysis/assessment	
	Pest risk assessment is not required. Harmful organism is listed in Annex II B of Regulation (EU) 2019/2072.