

Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

JKI, Messeweg 11/12 , 38104 Braunschweig, Germany

20-04-2023

Notification of the presence of a harmful organism – closing note

1 General information	
1.1 Title	Eradication of an outbreak of <i>Hirschmanniella</i> in Germany (Schleswig-Holstein)
1.2 Executive summary	<p>In 2023, <i>Hirschmanniella</i> was found at a retailer during tracing investigations related to an outbreak of <i>Hirschmanniella caudacrena</i> in aquatic plants of the genus <i>Vallisneria</i> in another Member State. The aquatic plants originate in Malaysia and were delivered in small amounts via another Member State to consignees in Germany including the concerned retailer. The responsible plant protection service in Schleswig-Holstein inspected the plants at the retailer. Part of the delivered <i>Vallisneria</i> plants had already been sold to final consumers but some of them were still available. 3 <i>Vallisneria</i> 'Gigantea' plants of a consignment of 10 delivered plants (5 <i>Vallisneria spiralis</i> 'Tiger', 5 <i>Vallisneria</i> 'Gigantea') were found and sampled. Only one adult nematode of a non-European <i>Hirschmanniella</i> species was identified in the mixed sample of the 3 plants. The species could not be identified but it could be excluded that it is a European species and based on the finding in the concerned Member State it is probably <i>H. caudacrena</i>.</p> <p>All delivered plants were taken to the laboratory and other aquatic plants in the basin were sampled and tested negative. The water in the basin is constantly changed.</p> <p>The outbreak is considered eradicated.</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, Tel: +49(0) 39 46 47 7515, outbreaks@julius-kuehn.de

3 Location	
3.1 Location	In Schleswig-Holstein
4 Reason of the notification and the pest status	
4.1 First finding in Germany or in the area	First confirmed presence of the pest in Germany.
4.2 Pest status of the area where the harmful organism has been found present, after the official confirmation.	Absent: pest found present but eradicated
4.3 Pest status in Germany before the official confirmation of the presence, or suspected presence, of the harmful organism.	Absent: no pest records
4.4 Pest status in Germany after the official confirmation of the presence of the harmful organism.	Absent: pest eradicated
5 Finding, sampling, testing and confirmation of the harmful organism	
5.1 How the presence or appearance of the harmful organism was found.	Trace back and forward inspection related to the specific presence of the pest concerned.
5.2 Date of finding:	21-02-2023
5.3 Sampling for laboratory analysis.	Date of sampling: 21-02-2023 Five of the plants from the infested consignment from another Member State were found and examined in Schleswig-Holstein. They came from two different retailers. A mixed sample was tested positive of 3 <i>Vallisneria</i> 'Gigantea' from one retailer.
5.4 Name and address of the Laboratory	Landwirtschaftskammer Schleswig-Holstein – Pflanzenbau, Pflanzenschutz, Umwelt Diagnose-Labor Westring 383 24118 Kiel Germany Julius Kühn-Institut – Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit Messeweg 11-12 38104 Braunschweig Germany
5.5 Diagnostic method	According to peer reviewed protocols Microscopy, PM 7/94(2) for <i>Hirschmanniella</i> spp. and PM 7/129 for DNA barcoding as an identification tool for a number of regulated pests

5.6 Date of official confirmation of the harmful organism's identity.	05-04-2023
6 Infested area, and the severity and source of the outbreak in that area	
6.1 Characteristics of the infested area and its vicinity.	Physically closed conditions: greenhouse Plant to be (re) planted or reproduced
6.2 Host plants in the infested area and its vicinity	<i>Vallisneria</i> sp.
6.3 Infested plant(s), plant product(s) and other object(s).	<i>Vallisneria</i> sp. (3 pce) 3 of the originally delivered 5 plants were found at the retailer. The other plants were already sold to final consumers.
6.4 Source of the outbreak	<i>Hirschmanniella</i> was found in tracing investigations related to an outbreak in another Member State. The aquatic plants purchased from the Member State were produced in a nursery using a circulating water system. The investigations have shown that all plants of the infested lot originated in Malaysia.
7 Official phytosanitary measures	
7.1 Adoption of official phytosanitary measures.	Official phytosanitary measures have been taken and no demarcated area was established. The delivered plants were taken from the water basin and the water was constantly changed. More aquarium plants of other genera at the retailer were sampled and tested negative. The responsible plant protection service consider the outbreak eradicated.
7.2 Date of adoption of the official phytosanitary measures.	21-02-2023
7.3 Identification of the area covered by the official phytosanitary measures.	200 m ²
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.	Yes, more aquarium plants were sampled and examined at the retailer.

8 Pest risk analysis/assessment

Pest risk assessment is not required. Harmful organism is listed in Annex II A of Regulation (EU) 2019/2072.