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

29-07-2021

Notification of the presence of a harmful organism – closing note

1 General information	
1.1 Title	Eradication of an outbreak of *Eotetranychus lewisi* in Germany (Hesse)
1.2 Executive summary	On 10 December 2020, an infestation with *Eotetranychus lewisi* was confirmed on *Euphorbia pulcherrima* in a greenhouse in Hesse. The outbreak was found in trace-back investigations related to the outbreaks in Schleswig-Holstein. The concerned nursery received young plants from the same consignor in another Member State. Official phytosanitary measures were taken. The plants have been treated with acaricides several times. **The outbreak has been eradicated.**
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	Hesse
4 Reason of the notification and the pest status	
4.1 First finding in Germany or in the area	Confirmed presence of the pest in part of the territory of 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.	Transient: actionable, under eradication
4.4 Pest status in Germany after the official confirmation of the presence of the harmful organism.	Transient: actionable, 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.	Trace back and forward inspection related to the specific presence of the pest concerned: The competent authority was informed in trace-back investigations related to the outbreaks in Schleswig-Holstein. The plants have the same origin as the infested plants in Schleswig-Holstein.
5.2 Date of finding:	18-11-2020
5.3 Sampling for laboratory analysis.	First sampling on 24 November, second sampling after treatment with Vertimec Pro on 1 December, third sampling on 3 December after treatment with Vertimec Pro and Apollo, fourth sampling on 11 December.
5.4 Name and address of the Laboratory	Regierungspräsidium Gießen – Pflanzenschutzdienst Schanzenfeldstrasse 8 35578 Wetzlar DE – Germany Julius Kühn-Institut Messeweg 11-12 38104 Braunschweig DE – Germany
5.5 Diagnostic method	First visual examination in the diagnostics of the Regierungspräsidium Hessen, Second examination by the national reference laboratory Julius Kühn-Institut. Amongst others by barcoding sequencing of a part of the Cytochrome-C-Oxydase-Gene, according EPPO PM 7/129.
5.6 Date of official confirmation of the harmful organism's identity.	10-12-2020
6 **Infested area, and the severity and source of the outbreak in that area**	
6.1 Size and delimitation of the infested area.	50 m²
6.2 Characteristics of the infested area and its vicinity.	Physically closed conditions: greenhouse Plant to be (re)planted or reproduced.

6.3 Host plants in the infested area and its vicinity	*Euphorbia pulcherrima*
6.4 Infested plant(s), plant product(s) and other object(s).	*Euphorbia pulcherrima* (168 pce)
6.5 Severity of the outbreak.	Light green mites with dark green lateral and dorsal patches were found. The mites were very active and quick.
6.6 Source of the outbreak	The outbreak was found in trace-back investigations related to the outbreak in Schleswig-Holstein. Young plants at the concerned nursery were delivered from the same consignor in another Member State than in Schleswig-Holstein.
7 **Official phytosanitary measures**	
7.1 Adoption of official phytosanitary measures.	Official phytosanitary measures have been taken. Those measures were taken inside the demarcated area. The pest was eradicated by the application of pesticides (2 applications of pesticides within 3 days).
7.2 Date of adoption of the official phytosanitary measures.	26-11-2020
7.3 Identification of the area covered by the official phytosanitary measures.	100 m², infestation in a greenhouse
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 A of Regulation (EU) 2019/2072.