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

20-05-2021

Notification of the presence of a harmful organism – closing note

1 General information	
1.1 Title	Eradication of *Eotetranychus lewisi* in Germany (Hesse)
1.2 Executive summary	On 13 December 2020, a suspicion of an infestation with *Eotetranychus lewisi* was reported on *Euphorbia pulcherrima* in a greenhouse in Hesse and confirmed by the plant protection service. Trace-back investigations are ongoing. The concerned nursery received young plants from a consignor in Bavaria/Germany. Official phytosanitary measures were taken. The concerned plants and the plants in the vicinity have been treated with acaricides and remaining plants were destroyed. **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	In Hesse
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.	**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
5.2 Date of finding:	23-11-2020
5.3 Sampling for laboratory analysis.	Date of sampling: 23-12-2020 The plant samples (*Euphorbia pulcherrima*, a white variety) were taken and brought to the laboratory in Wetzlar for examination on 18 December 2020. Afterwards, the plants have been treated with Vertimec Pro and Apollo. A second sampling (*Asparagus* taken from the direct surrounding) took place on 23 December 2020.
5.4 Name and address of the Laboratory	Julis Kühn-Institut – Institut für Pflanzenschutz im Gartenbau und Forst Messeweg 11-12 28104 Braunschweig Germany Regierungspräsidium Gießen - Pflanzenschutzdienst Schanzenfeldstrasse 8 35578 Wetzlar Germany
5.5 Diagnostic method	Firstly, visual examination in the diagnostics of the Regierungspräsidium Hessen. Secondly, 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.	40 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* (4 pce)
6.5 Severity of the outbreak.	Preliminary indication: Light green mites with dark green lateral and dorsal patches were found.
6.6 Source of the outbreak	The plants were delivered from a nursery in Bavaria. At present we assume that the plants were originally supplied by Uganda.
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. The pest was eradicated by the application of pesticides. Remaining plants have been destroyed by the operator.
7.2 Date of adoption of the official phytosanitary measures.	26-10-2020
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.