Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

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Julius Kühn-Institut
Bundesforschungsinstitut für Kulturpflanzen

Federal Research Centre for Cultivated Plants

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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 (Schleswig-Holstein)
1.2 Executive summary	*Eotetranychus lewisi* was found in a greenhouse of a nursery that produces *Euphorbia pulcherrima*. The plant protection service was informed by the nursery's adviser for biological control about the suspicion. The pest was identfied morphologically. The first infestation was observed on the variety ˈAlaskaˈ. Then, also the varieties ˈFutura Brillant Redˈ and ˈIcescapeˈ were infested. The plants showed symptoms like yellow brightening and spots on the leaves. Official phytosanitary measures were applied and included destruction of infested and suspicious plants. Chemical treatments were applied several times and official inspections in the nursery were carried out. The source of the outbreak is not known exactly. The young plants have been delivered from a nursery in another Member State. **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	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 the territory of the Member State concerned.
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.	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.	Information submitted by professional operators, laboratories or other persons. The plant protection service was informed by the nurseries adviser for biological control about the suspicion.
5.2 Date of finding:	26-08-2020
5.3 Sampling for laboratory analysis.	28-08-2020: Whole potted plants were taken and packed in appropriate cages for transport to the laboratory.
5.4 Name and address of the Laboratory	Julius Kühn-Institut – Institut für Epidemiologie und Pathogendiagnostik Messeweg 11-12 38104 Braunschweig DE – Germany Anses, Laboratoire de la Santé des Végétaux – Unité Entemologie et plantes invasives CBGP 755 avenue du Campus Agropolis CS30016 Montferrier-sur-Lez cedex Fr-34988 FR – France
5.5 Diagnostic method	Sequencing and morphological identification.
5.6 Date of official confirmation of the harmful organism's identity.	29-10-2020
6 **Infested area, and the severity and source of the outbreak in that area**	
6.1 Size and delimitation of the infested area.	500 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* (4000 pce)
6.5 Severity of the outbreak.	The first infestation was observed on the variety 'Alaska'. Then, also the varieties 'Futura Brillant Red' and 'Icesscape' were infested. Many plants of the plot showed symptoms: yellowish brightening and spotting of the leaves.
6.6 Source of the outbreak	Trace-back investigations are ongoing. The young plants were purchased from another Member State who was already informed.
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 infested varieties have been firstly isolated. All infested and suspicious plants have been destroyed. In addition, adjacent plants were destroyed. Plant protection products against spider mites were applied. The plants have been officially inspected on a weekly basis.
7.2 Date of adoption of the official phytosanitary measures.	28-08-2020
7.3 Identification of the area covered by the official phytosanitary measures.	500 m²
7.4 Objective of the official phytosanitary measures.	Eradication
7.5 Specific surveys.	Yes, the official inspections in the nursery are going on.
8 **Pest risk analysis/assessment**	Pest risk assessment is not required. Harmful organism is listed in Annex II A of Regulation (EU) 2019/2072.