**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

14-12-2020

# Notification of the presence of a harmful organism

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| **1 General information** | |
| 1.1 Title | Presence (confirmed) 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. |
| **2 Information concerning the single authority and responsible persons** | |
| 2.1 Notification from | Julius Kühn-Institut (JKI),<br>Institute for National and International Plant Health, Germany |
| 2.2 Official contact: | Katrin Kaminski,<br>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 the Member State concerned. |
| 4.2 Pest status of the area where the harmful organism has been found present, after the official confirmation. | Transient: actionable, under eradication |
| 4.3 Pest status in Germany before the official confirmation of the presence, or suspected presence, of the harmful organism. | Transient: actionable, under eradication |

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| 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<br>Schanzenfeldstrasse 8<br>35578 Wetzlar<br>DE – Germany<br><br>Julius Kühn-Institut<br>Messeweg 11-12<br>38104 Braunschweig<br>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<br>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) |

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| 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 are taken inside the demarcated area.<br>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. |