Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

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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 *Elachiptera* sp. in Germany (Brandenburg)
1.2 Executive summary	In 2015, pupae of *Elachiptera decipiens* (Diptera) were found on one *Zea mays* plant. Other infested plants or plants with symptoms were neither detected in the same field nor in the neighboring fields. The pest was identified by DNA-sequencing. A preliminary pest risk analysis (Express-PRA) has been developed and a medium phytosanitary risk has been assessed. Therefore *Elachiptera decipiens* was considered relevant according to Art. 29 of Regulation (EU) 2016/2031. The pest was not found any more at this location in the following years. The location was inspected visually and with yellow sticky traps. **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 Brandenburg
4 Reason of the notification and the pest status	
4.1 First finding in Germany or in the area	First confirmed appearance 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.	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.	Official inspection for purposes other than phytosanitary ones.
5.2 Date of finding:	20-07-2015
5.3 Sampling for laboratory analysis.	Date of sampling: 20-07-2015 55 pupae were taken to the laboratory.
5.4 Name and address of the Laboratory	Landesamt für Ländliche Entwicklung, Landwirtschaft und Flurneuordnung (LELF) Referat 43 Saatenanerkennung, Phytopathologie Steinplatz 1 15806 Zossen Germany
5.5 Diagnostic method	DNA-sequencing, 100 % match in BOLD
5.6 Date of official confirmation of the harmful organism's identity.	03-08-2015
6 **Infested area, and the severity and source of the outbreak in that area**	
6.1 Characteristics of the infested area and its vicinity.	Open air – production area: field (arable, pasture) Plant already planted, not to be reproduced or moved.
6.2 Host plants in the infested area and its vicinity	*Zea mays*
6.3 Infested plant(s), plant product(s) and other object(s).	*Zea mays* (1 pce)
6.4 Severity of the outbreak	1 plant was found to be infested with 55 pupae. The plant was located at the edge of the field. Other infested plants or plants with symptoms were neither detected in the same field nor in the neighbouring fields.
6.5 Source of the outbreak	unknown

7 **Official phytosanitary measures**	
7.1 Adoption of official phytosanitary measures.	Official phytosanitary measures have been taken. No demarcated area established. Survey at the concerned location (field). The infested plant was located at the edge of the field. Grasses in the immediate vicinity were included in the survey in the same year and one year later. Also yellow sticky traps were used for the survey.
7.2 Objective of the official phytosanitary measures.	Eradication
7.3 Measures affecting the movement of goods.	Measures do not affect import into or movement within the Union of goods.
7.4 Specific surveys.	Yes
8 **Pest risk analysis/assessment**	Preliminary pest risk assessment exists. *Elachiptera decipiens* originates in North America. This fly species is not listed in the EU Implementing Regulation (EU) 2019/2072. It attacks prairie grasses and has been found for the first time in Germany on maize. Establishment in Germany in the open is very likely. Possible damage to grasses was difficult to assess, as there were no indications. However, the infection on maize indicates a possible damage potential. On the basis of this risk analysis there is reason to believe that *Elachiptera decipiens* may establish in Germany or other Member States and cause damage. The pest is therefore considered relevant for Art. 29 of the Regulation (EU) 2016/2031. It was recommended to carry out intensive monitoring of this potential quarantine pest in the infested area and to record possible damage.