

## Notification of the presence of a harmful organism

<b>1 General information</b>	
1.1 Title	Confirmed presence of <i>Peronospora aquilegiicola</i> in Germany (North Rhine-Westphalia)
1.2 Executive summary	In 2021, <i>Peronospora aquilegiicola</i> was detected on plants of <i>Aquilegia</i> in a nursery in North Rhine Westphalia. After the first finding in North Rhine-Westphalia the plant protection service sent a warning note to the horticultural advisory service and afterwards the concerned nursery found symptoms and sent a sample to the competent authority. Eradication measures have been taken based on a preliminary Express-PRA.
<b>2 Information concerning the single authority and responsible persons</b>	
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, <a href="mailto:outbreaks@julius-kuehn.de">outbreaks@julius-kuehn.de</a>
<b>3 Location</b>	
3.1 Location	In North Rhine-Westphalia
<b>4 Reason of the notification and the pest status</b>	
4.1 First finding in Germany or in the area	Confirmed appearance of the pest in part of the territory in 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.	Present: under eradication
4.3 Pest status in Germany before the official confirmation of the presence, or suspected presence, of the harmful organism.	Present: under eradication

4.4 Pest status in Germany after the official confirmation of the presence of the harmful organism.	Present: under eradication
<b>5 Finding, sampling, testing and confirmation of the harmful organism</b>	
5.1 How the presence or appearance of the harmful organism was found.	Information submitted by professional operators, laboratories or other persons.  As a result of the first outbreak in North Rhine-Westphalia, the horticultural advisory services were used to inform relevant companies. The concerned nursery sent samples of its infected plants to the official laboratory in Cologne.
5.2 Date of finding:	04-05-2021
5.3 Sampling for laboratory analysis.	Date of sampling: 28-04-2021
5.4 Name and address of the Laboratory	Landwirtschaftskammer Nordrhein-Westfalen Pflanzenschutzdienst Gartenstraße 11 50765 Köln-Auweiler Germany
5.5 Diagnostic method	Morphologic diagnosis. Additional testing using PCR and barcoding.
5.6 Date of official confirmation of the harmful organism's identity.	04-05-2021
<b>6 Infested area, and the severity and source of the outbreak in that area</b>	
6.1 6.1 Size and delimitation of the infested area.	4100 m <sup>2</sup>
6.2 Characteristics of the infested area and its vicinity.	Open air – production area: nursery Plant to be (re)planted or reproduced.
6.3 Host plants in the infested area and its vicinity	<i>Aquilegia</i>
6.4 Infested plant(s), plant product(s) and other object(s).	<i>Aquilegia</i> (87620 pce)
<b>7 Official phytosanitary measures</b>	
7.1 Adoption of official phytosanitary measures.	Official phytosanitary measures have been taken inside the demarcated area.  All the <i>Aquilegia</i> plants produced on the production site were declared infested. All the plants are destroyed. The production site is cleaned from plants and plant debris.  The following production cycle for <i>Aquilegia</i> plants will start in calendar week 34 with new young plants that will

	be ordered by an external plant nursery. They will not be produced at the concerned site.
7.2 Date of adoption of the official phytosanitary measures.	30-05-2022 Phytosanitary measures will be carried out temporary until the end of the following production cycle of <i>Aquilegia</i> . The production cycle will last from calendar week 34/2021 until the end of the sales season on May, 31th 2022. During that period official visual inspections and testing of plants will be conducted at appropriate times.
7.3 Identification of the area covered by the official phytosanitary measures.	115 m <sup>2</sup> The demarcated area covers the whole production area of the facility, including greenhouses and the open air production site. Due to the local situation the demarcated area does only consist of the infested area (whole production site) without being surrounded by a buffer zone.
7.4 Objective of the official phytosanitary measures.	Eradication
7.5 Measures affecting the movement of goods.	Measures do not affect the import into or movement within the Union of goods.
7.6 Specific surveys.	Yes, on the production site, <i>Aquilegia</i> plants will be inspected visually by the competent authority. Sampling of plants will be done randomly and in cases of symptomatic plants.
<b>8 Pest risk analysis/assessment</b>	Preliminary pest risk assessment exists (Express-PRA). <i>Aquilegia</i> and probably also false columbines are host of <i>P. aquilegiicola</i> . It can be assumed that the pathogen can establish in Germany and the EU outdoors and under protected conditions wherever host plants are present. Due to its high damage potential for <i>Aquilegia</i> , <i>P. aquilegiicola</i> poses a medium phytosanitary risk for Germany and other EU Member States.