



September 2024 PEST Report - THE NETHERLANDS

1.1 First outbreak of *Curtobacterium flaccumfaciens* pv. *flaccumfaciens* on *Phaseolus vulgaris* on three fields for vegetable production in the Netherlands

1.2 Executive summary

This report concerns the official finding of *Curtobacterium flaccumfaciens* pv. *flaccumfaciens* in the Netherlands on 10 September 2024. The origin of the finding is linked to seeds imported from the USA. The organism is listed as a quarantine pest in EU regulation 2016/2031.

The pest was detected and tested positive on plants of three fields of *Phaseolus vulgaris* for human consumption, cultivated by one operator. No specific symptoms were observed. These findings were detected following tracing of seed lots originating in the USA. The related seed lot was tested positive, following import as part of checks of the marketing directive 2002/55. This included a validation audit of the competent authority of in-house RNQP testing by the importer. By coincidence the quarantine pest was detected and an interception notification was issued (see CHEDPP.NL.2024.0223216). Related sub lots of the same originally imported seed lot had been marketed to several operators in the Netherlands and other Member States. The respective Member States have been duly informed.

Eradication measures are being taken (see hereunder).

Identity of the pest *Curtobacterium flaccumfaciens* pv. *flaccumfaciens*

Categorization of the pest EU quarantine pest

Location: municipality Altena

Reason of the notification: First report

How the pest was found (6) information submitted by professional operators, laboratories or other persons;

Information on the infested area, severity and source of the outbreak

No specific symptoms were detected in the original variety trials fields, nor on vegetable production fields which tested positive for *Curtobacterium flaccumfaciens* pv. *flaccumfaciens*.

Official phytosanitary measures

Eradication measures have been imposed on fields whereby plants tested positive.

Measures for infested fields are the following:

- destruction of the entire crop (whole plants including roots) and crop remains.
- hygiene measures for machinery, root/tuber crops and personnel for the coming two years.
- fallow for at least 120 days.
- prohibition to cultivate *Fabaceae* for the coming two years.
- compulsory eradication of any weeds and grow-outs of seedlings of *Fabaceae*.

Measures for the buffer zone (100 m taking into account boundaries such as roads or irrigation ditches):

- Advice to growers for not cultivating *Fabaceae* for the coming two years.
- In case *Fabaceae* are observed as part of annual surveillance: sampling and testing.

In addition monitoring surveys will be carried out for demarcated fields (infested fields together with buffer zones) for the coming two years, including sampling and testing in case of *Fabaceae*.

On other fields with negative testing results of the crop (for human consumption only), operators have been advised not to grow *Fabaceae* and apply hygiene measures for the coming two years. These fields will also be subjected to an annual survey for this pest during the coming years.

1.3 Type of notification	First notification (within 8 working days).
2.1 Single Authority	Notification from the National Plant Protection Organization of the Netherlands – Netherlands Food and Consumer Product Safety Authority
2.2 Official contact	M.B. de Hoop. +31651584878 Email: m.b.dehoop@nvwa.nl
3. Location of presence of harmful organism	Municipality Altena
3.2 Map of the location.	Not relevant
4. Reason of the notification and pest status	(1) First presence of the harmful organism
4.3 Previous Pest status	(8) Absent: no pest records.
4.4 Current Pest status	(5) Present: under eradication.
5. Information relating to the finding.	(6) information submitted by professional operators, laboratories or other persons.
5.2 Date of finding.	10 September 2024
5.3 Sampling for laboratory analysis	Detection was carried out on samples composed of 200 stem segments of 2 cm length each, taken from the lower part of the asymptomatic bean plants. Samples were taken on the 15th of August 2024 from the three individual fields.

5.4 Laboratory	NIVIP - NPPO of the Netherlands
5.5 Diagnostic method.	The presence of <i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> is confirmed by isolation followed by PCR, MALDI-TOF MS and pathogenicity testing. This is in accordance with the EPPO PM7/102 diagnostic protocol (currently under revision).
5.6 Date of official confirmation of the harmful organism's identity	Presence confirmed on 10 September 2024.
6. Information related to the area, severity of the finding and source of the finding	(1) infested surface (m ² , ha, km ²): Three fields of respectively 0.49 ha, 1.40 ha and 4.88 ha.
6.2. Characteristics of the infested area and its vicinity.	Indication of one or more of the following options: (1) Open air – production area (1.1) field (arable, pasture); Plants for planting destined for human consumption (vegetables)
6.3. Host plants in the infested area and its vicinity.	Not relevant.
6.4. Infested plant(s), plant product(s) and other object(s).	Indication of the scientific name of the infested host plant(s). <i>Phaseolus vulgaris</i> .
6.5. Vectors present in the area.	Not relevant.
6.6. Severity of the outbreak.	No specific symptoms observed.
6.7. Source of the outbreak.	The original seed lot originates from the USA and was also tested positive (post-import).
7. Official phytosanitary measures	
7.1. Adoption of official phytosanitary measures.	(1) Official phytosanitary measures in the form of chemical, biological or physical treatment have been taken;

	<p>Eradication measures have been imposed on fields whereby plants tested positive. Measures for infested fields are the following:</p> <ul style="list-style-type: none"> - destruction of the entire crop (whole plants including roots) and crop remains. - hygiene measures for machinery, root/tuber crops and personnel for the coming two years. - fallow for at least 120 days. - prohibition to cultivate Fabaceae for the coming two years. - compulsory eradication of any weeds and grow-outs of seedlings of Fabaceae. <p>Measures for the buffer zone (100 m taking into account boundaries such as roads or irrigation ditches):</p> <ul style="list-style-type: none"> - Advice to growers for not cultivating Fabaceae for the coming two years. - In case Fabaceae are observed as part of annual surveillance: sampling and testing. <p>In addition monitoring surveys will be carried out for demarcated fields (infested fields together with buffer zones) for the coming two years, including sampling and testing in case of Fabaceae.</p> <p>On other fields with negative testing results of the crop (for human consumption only), operators have been advised not to grow Fabaceae and apply hygiene measures for the coming two years. These fields will also be subjected to an annual survey for this pest during the coming years.</p>
<p>7.2. Date of adoption of the official phytosanitary measures. In case of temporary measures, indication of their expected duration.</p>	<p>27 August 2024</p>
<p>7.3. Identification of the area covered by official phytosanitary measures —</p>	<p>Three fields of respectively 0.49 ha, 1.40 ha and 4.88 ha.</p>

indicate the method used to identify the area covered by official phytosanitary measures. Provide the results of the surveys that have been carried out.	
7.4. Objective of the official phytosanitary measures.	(1) eradication;
7.5. Measures affecting the movement of goods. Indication of one of the following options	(1) measures affect import into or movement within the Union of goods; Systematic import testing of seed consignments of Fabaceae (at least 50 %) is being considered, starting January 2025.
7.6. Specific surveys.	On other fields with negative testing results, operators have been advised not to grow <i>Fabaceae</i> for the coming two years. These fields will also be included in an annual survey for this pest during the coming two years.
8. Pest risk analysis/assessment	(1) Pest risk analysis is not required (harmful organism is listed in Annex II of Regulation 2019/2072, or is subject to measures adopted pursuant to Article 30 of Regulation 2016/2031).
9. Links to relevant websites, other sources of information.	https://english.nvwa.nl/topics/pest-reporting/contents/pest-reports