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## Xylem inoculation with flg22

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Cleo Bagchus<sup>1</sup>

<sup>1</sup>Wageningen University

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Cleo B.

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**Protocol status:** In development

We are still developing and optimizing this protocol



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## Abstract

Protocol can be used after: Plant Infection with *Xanthomonas Campestris* Campestris

## Guidelines

Depending on the country, *X. campestris* may be an quarantine organism. Please make sure you follow the specific guidelines of your country.

## Materials

sthree-week-old Brassica oleracea plants in climate chamber



Needle

1 uM flg22 at room temperature

## Troubleshooting



## Day 1

- 1 Place  15  $\mu\text{L}$  of flg22 3 cm above the lesion on the central vein of the leaf.
- 2 With the needle puncture through the droplet into the central vein three times. Do not puncture the leaf completely. Due to a difference in pressure, the droplet should be sucked into the xylem.
- 3 Place a second  15  $\mu\text{L}$  of flg22 3.5 cm above the lesion on the central vein of the leaf.
- 4 Repeat step 2.