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Plant Infection with *Xanthomonas Campestris* Campestris

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ABSTRACT

Plant infection of three week old plants 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 TEXT

At least three-week-old Brassica oleracea plants in climate chamber

Scissors

O/N culture *X. campestris*

Day 1

- 1 Make at least 40 mL of overnight culture of *Xanthomonas Campestris* Campestris at 28 °C

Day 2

- 2 Measure OD600 of O/N culture
- 3 Centrifuge culture for 00:10:00 at 4000 rpm
- 4 Remove supernatant
- 5 Dissolve pellet in H₂O until an OD600 of 1. Make sure you have at least 30 mL of diluted culture.
- 6 Dip sterilized scissors in diluted culture and cut off the tip of a leaf (about 1 cm). Make sure to cut over the central vein. Repeat this for each leaf you want to infect.



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