

# Protocol for conidia production of *Alternaria solani*

June 2014

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Grow *Alternaria solani* on V8 or pea medium.

## V8-medium

- Combine 200 ml V8 juice and 800 ml tapwater.
- Add 2 g CaCO<sub>3</sub> and 0.05 g β-sitosterol and mix well.
- Add 15 g agar.
- Autoclave for 20 minutes at 120 °C.
- Stir medium well before poring the plates in order to resuspend the CaCO<sub>3</sub>.

## Pea agar

- Autoclave (15 minutes 120°C) 120 g frozen peas in 1 liter tap water.
  - Strain peas from pea broth using 2 layers of cheese cloth squeezing gently to remove all excess liquid from peas.
  - Bring volume of broth to 1 litre with tap water and add 15 g agarose.
  - Autoclave for 20 minutes 120°C.
  - Poor agar plates.
- Inoculate the plates with a plug of *A. solani*
- Incubate V8 or Pea agar plates for 14 days at 20°C under near ultraviolet light (Philips LTD 36W/80) with an alternating 12 h photop