The potential of rhizosphere and phyllosphere *Pseudomonas* sp. for potato late blight control

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Background

The oomycete *Phytophthora infestans*, causing potato late blight, is a phytopathogen of major importance in potato production. In organic production, the oomycete is usually controlled by the application of copper products, which negatively impact the environment. In order to substitute or at least reduce the amount of applied copper, bacterial strains that are naturally associated with potato plants could potentially serve as biocontrol agents.

The aim of the study was the development of methods and the realization of experiments to...

- ... assess the influence of rhizosphere (R) and phyllosphere (S) bacteria on potato plant development (1)
- ... study the survival of bacteria applied onto the leaf surface (2)
- ... investigate the protection potential of Pseudomonas strains on potato plants for late blight control (3)





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