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### Bacterial spot of tea caused by *Acidovorax valerianellae*

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#### ABSTRACT

In 2003 and 2004 years, brown spot symptoms were observed on tea leaves in tea fields in Kagoshima prefecture, mainly after typhoons. A severe incidence caused leaf fall and bud blight. A bacterium that formed a white, circular colony on King's B medium, was always isolated from lesions, and leaf symptoms of tea were reproduced after inoculation with this bacterium. Based on its bacteriological characteristics, pathogenicity on tea leaves and a 16S rRNA sequence analysis, the bacterium was identified as *Acidovorax valerianellae* Gardan, Stead, Dauga and Gillis 2003. This is the first report of bacterial spot of tea caused by *Acidovorax valerianellae* in Japan.

**Key words:** bacterial spot, *Camellia sinensis*, *Acidovorax valerianellae*[\[PDF \(1138K\)\]](#) [\[References\]](#)Download Meta of Article [\[Help\]](#)[RIS](#)[BibTeX](#)

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