

Antifungal activity of *Bacillus* sp. against *Phytophthora infestans*

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Abstract

Because of consumer rejection of chemical pesticides and appearance of microorganisms that are resistant to fungicides, we tried to discover biopesticides. Of 13 microorganisms isolated from Shrimp-jeotkal, *Bacillus* sp. showed a strong activity against tomato late blight caused by *Phytophthora infestans*. Its activity was tested both in vivo and in vitro. The identification of the strain was carried out based on 16S rDNA analysis and the morphology by scanning electron microscopy1).

Reference

1. Choi, S. H., C. Sung, and W. Y. Choi. Levan-producing *Bacillus subtilis* BS 62 and its phylogeny based on its 16S rDNA sequence (2001). *J. Microbiol. Biotechnol.* 11: 428-434.