

# Evaluation of the entomopathogenic fungus *Aschersonia aleyrodis* for controlling whitefly

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## Abstract

*Bemisia argentifolii* is an important economic pest. *Aschersonia aleyrodis*, an entomopathogenic fungus, has a narrow host range, only parasitic on Homoptera insects, such as whiteflies and scale insects. In this study, to explore *A. aleyrodis* physiological characteristics, culture conditions, and the pathogenicity of *A. aleyrodis* for whitefly. In addition, the potential for *A. aleyrodis* to control the *B. argentifolii* on edamame and pumpkin plants were also evaluated in field trials.

**Key words:** *Aschersonia*, *Bemisia argentifolii*, edamame