

عنوان مقاله:

Identification of aggressive species of Trichoderma from button mushroom farms (*Agaricus bisporus*) using morphological and molecular methods

محل انتشار:

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خلاصه مقاله:

Different species of Trichoderma especially *T. harzianum* ($Th\gamma$ biotype in Europe and ThF in America) considered as causal agent of green mould disease on button mushroom (*Agaricus bisporus*) casing beds. In this study, 100 fungal isolates were collected and purified from different mushroom growing units in Tehran province and Urmia (NW Iran). Totally, 60 isolates of *T. harzianum*, 27 isolates of *T. virens*, seven isolates of *T. hamatum* and six isolates of *T. inhamatum* were morphologically identified. The main infectious agent was *T. harzianum*. Specific primers were used for identification of different biotypes.

کلمات کلیدی:

distribution, molecular identification, Optimum temperature, $Th\gamma$ and ThF biotypes

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