

Biological Control of *Tuta absoluta* (Meyrick) (Lep: Gelechiidae) with Entomopathogenic Fungi

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Abstract : Devastating insects constitute one of strains for cultivate tomato. Among this vandal insects, the tomato leafminer (*T. absoluta*), which has been introduced in Algeria constitute a challenge for both agricultures and scientists. Firstly, this insect is introduced without their natural enemies which may reduce their damage. Secondly, this species has developed insecticide resistance to many active matters. To contribute to establish a control strategy for *T. absoluta* we have mad an inventory for their entomopathogenic fungi. Two fungi were identified among others taken from adults and pupae. These fungi are *Aspergillus flavus* and *Metarhizium* sp. A study was conducted in laboratory to recognize the efficiency of these antagonists. These species had unregistered a mortality mounts of 42% and 56% respectively.
Keywords : *Tuta absoluta*, entomopathogenic fungi, *Aspergillus flavus*, *Metarhizium* sp, control strategy
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