

Exploration and Identification of Entomopathogenic Fungi Isolated Spodoptera frugiperda from Sumbang, Banyumas Regency

Title	Exploration and Identification of Entomopathogenic Fungi Isolated Spodoptera frugiperda from Sumbang, Banyumas Regency
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Abstract	<p>Biological control of plant pests is an eco friendly controlling way with considering eco-friendly of agroecosystem. Biological control does by using natural enemies introduced from the area and other areas. Biological control of plant pests can used by predators, parasitoids, and entomopathogens. Identification of entomopathogenic fungi did at the integrated laboratory, Nahdlatul Ulama University, Purwokerto. The research method used is purposive sampling. Entomopathogenic fungi were identified and observed for macroscopic and microscopic characteristics. This study aims to determine the entomopathogenic fungi found in the corn cultivation center, Sumbang District, Banyumas Regency. The results of the study found there was Aspergillus spp in the corn cultivation center, Sumbang District, Banyumas Regency. Aspergillus spp was found to infect Spodoptera frugiperda. Aspergillus spp is reported can infect various types of insects so that it is effective in pest control.</p>
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