

**PATOGENISITAS CENDAWAN ENTOMOPATOGEN *Nomuraea rileyi* (Farl.)
Sams. TERHADAP LARVA *Crocidolomia pavonana* (F.) (LEPIDOPTERA:
PYRALIDAE)**

**(Pathogenicity of entomopathogenic fungi *Nomuraea rileyi* (Farl.) Sams. on
Crocidolomia pavonana (F.) larvae (Lepidoptera:Pyralidae)**

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Abstract

The purpose of this research is to study the pathogenicity of *Nomuraea rileyi* (Farl.) Sams. to larvae *Crocidolomia pavonana* (F.) (Lepidoptera: Pyralidae). In this experiment several instar larvae treated by different conidial concentrations ($10^5 - 10^9$ conidia/ml). The results of the experiment showed that mortality of *C. pavonana* larvae was depend on larvae instar and conidial concentration. Generally with increasing conidial concentrations, the mortality were also increase. Older instar larvae *C. pavonana* more resistant than the younger instar to infection of fungi.