



Influence of pesticides on the entomogenous fungus *Nomuraea rileyi* (Farlow) Samson

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Abstract : A laboratory study was carried out to determine the compatibility of *Nomuraea rileyi* (Farlow) Samson with different pesticides including 15 insecticides and 15 fungicides during 2009 – 10 at the Junagadh Agricultural University, Campus, Junagadh. The results showed that azadirachtin 0.0075 per cent, spinosad 0.009 per cent, fenvalerate 0.01 per cent, endosulfan 0.07 per cent, cypermethrin 0.009 per cent, profenophos 0.05 per cent and acephate 0.15 per cent were the most compatible with *N. rileyi*. In case of fungicides, sulphur 0.2 per cent proved its superiest compatibility with *N. rileyi*, followed by zineb 0.2 per cent, copper oxychloride 0.2 per cent and propiconazole 0.025 per cent.

Key Words : Compatibility study, *Nomuraea rileyi* (Farlow) Samson, Pesticides

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