

Efficiency of Nimbecidine and certain entomopathogenic fungi formulations against bean aphids, *Aphis craccivora* in broad bean field

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Abstract:

This study investigates the effect of certain entomopathogenic fungi formulations (*Beauveria bassiana*, *Verticillium lecanii*, *Metarhizium anisopliae* and *Paecilomyces fumosoroseus*) compared with a botanical insecticide, Nimbecidine against *Aphis craccivora* in broad bean field. **Bio-Catch (*Verticillium lecanii*) was the most effective insecticide to achieve 73.3% reduction followed by Nimbecidine (67.7%), Bio-Magic (61.6%), Priority (50.3%)** and the least effective was Bio- Power (*Beauveria bassiana*) which caused 45.5% reduction in individual aphid populations after two sprayings at 15 days interval between the first and the second sprayings. Bio-Catch and Nimbecidine had promise compounds in controlling *Aphis craccivora* in faba bean fields.

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