

## Abstract

The efficacy of neem kernel cake powder water extract (NKCP-WE) and Dipel 2x (*Bacillus thuringiensis* var. *kurstaki*) in controlling the diamondback moth (DBM), *Plutella xylostella* Linn. (Lepidoptera: Yponomeutidae), on cabbage was evaluated in screenhouse experiments. All concentrations of NKCP-WE tested were larvicidal and plants treated with 25 and 50 g/l NKCP-WE retained larvicidal activity for up to 2 weeks after application. The efficacy of 25 and 50 g/l NKCP-WE and 0.5 g/l Dipel 2x was compared by observing DBM development on the treated plants and yields of those plants. Dipel 2x-treated plants had less DBM larval infestation than the neem-treated plants but the latter treatment gave better yield. The implications of these observations are discussed.