

***Effectiveness Test of Noni (Morinda citrifolia L.) as a Natural Molluscicide
Against Mortality of Snail Pests (Achatina fulica).***

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Abstract

Pests often attack vegetable farms resulting in decreased production. Farmers use chemical pesticides to overcome this, but if used for a long time it will be bad for the environment. This study aims to determine the effectiveness of the noni fruit on the mortality of snail pests. This research was conducted on July 20, 2022. The method used is an experimental method with sampling technique using purposive sampling method with 24 plots using Completely Randomized Design (CRD). Analyzed using the Independent Sample T-Test and one way Anova. The results of the study showed that the use of noni fruit as a natural molluscicide was effective against snail mortality. From the experimental results, noni fruit molluscicides are effective starting from a concentration of 50% with a total mortality of 54%.

Keywords :Noni (Morinda citrifolia L.), Snail (Achatina fulica), and Molluscicides.