

INTISARI

Penelitian ini dilakukan di Lahan Penelitian Fakultas Pertanian, Universitas Muhammadiyah Yogyakarta pada bulan Februari hingga Mei 2014. Tujuan penelitian ini mempelajari pengaruh daun mimba dalam pertumbuhan dan hasil tanaman terung (*Solanum melongena L.*). Penelitian dilakukan dengan metode percobaan lapangan dengan menggunakan rancangan faktor tunggal dan disusun dalam rancangan acak lengkap dengan 5 perlakuan: P1 (kontrol), P2 (EMS 100gr/L), P3 (EMS 200gr/L), P4 (EMK 100gr/L), P5 (EMK 200gr/L). Hasil menunjukkan bahwa ekstrak daun mimba kering 200gr/L dapat mengurangi hama kumbang daun (*Epilachna Sparsa*) pada tanaman terung (*Solanum melongena L.*).

Kata kunci : Ekstrak daun mimba, kumbang daun (*Epilachna Sparsa*), terung (*Solanum melongena L.*).

ABSTRACT

*The research was conducted in the faculty of Agriculture Research Field, Universitas Muhammadiyah Yogyakarta from February to May 2014. The aim of the research was study the effect of neem leaves to the growth and yield of eggplant (*Solanum melongena* L). The reserach was conducted using field experiment with single factor design and arranged in a completely randomized design (CRD) with 5 treatments: P1 (control), P2 (EMS 100gr/L), P3 (EMS 200gr/L), P4 (EMK 100gr/L), P5 (EMK 200gr/L). The result showed that 200gr/L of dried extract can reduce the attack of pests leaf beetle (*Epilachna Sparsa*) of eggplant (*Solanum melongena* L).*

*key words : Neem leaf extract, leaf beetle (*Epilachna Sparsa*), eggplant (*Solanum melongena* L).*