

## ABSTRACT

Dewi Ribka, “ **The Effect of Fragrant Grass for Mortality of Flea Rice *Coptotermes curvignathus* H (Isoptera: Rhinotermiti) In Laboratory**”. It was supervised by Ir. Mena Uly Tarigan, MS and Ir. Syahrial Oemry, MS. This research used randomized complete design non factorial with four treatments and three replication. The result showed that the giving of fragrant grass flour on each treatment has significant effect for each observation. The highest mortality percentage of *C. curvignathus* was 62,67% in A4 treatment and the lowest was 38,67% in A5 treatment. The highest percentage of material weight losing was 7,33% in A0 treatment and the lowest was 2,65% in A4 treatment. The result showed that 8 gr fragrant grass treatment was the most effective treatment.

## ABSTRAK

Dewi Ribka “**Pengaruh Pemberian Daun Mengkudu (*Morinda citrifolia*) Dan Daun Nimba (*Azadirachta indica*) Terhadap Mortalitas Rayap (*Coptotermes curvinagthus* H)(Isoptera : Rhinotermit Di Laboratorium**” di bawah bimbingan Ir. Mena Uly Tarigan, MS dan Ir.Syahrial Oemry, MS. Penelitian ini menggunakan metode Rancangan Acak Lengkap (RAL) non faktorial dengan tujuh perlakuan dan tiga ulangan. Hasil penelitian menunjukkan bahwa pemberian daun mengkudu dan daun nimba pada setiap perlakuan berpengaruh nyata untuk setiap mortalitas. Persentase mortalitas rayap tertinggi pada perlakuan A4 sebesar 62,67% dan terendah pada perlakuan A5 sebesar 38,67%. Persentase susut bobot bahan tertinggi terdapat pada perlakuan A0 sebesar 7,33% dan terendah pada perlakuan A4 sebesar 2,65%. Hasil penelitian menunjukkan bahwa perlakuan A4 paling efektif dari semua perlakuan yang ada.