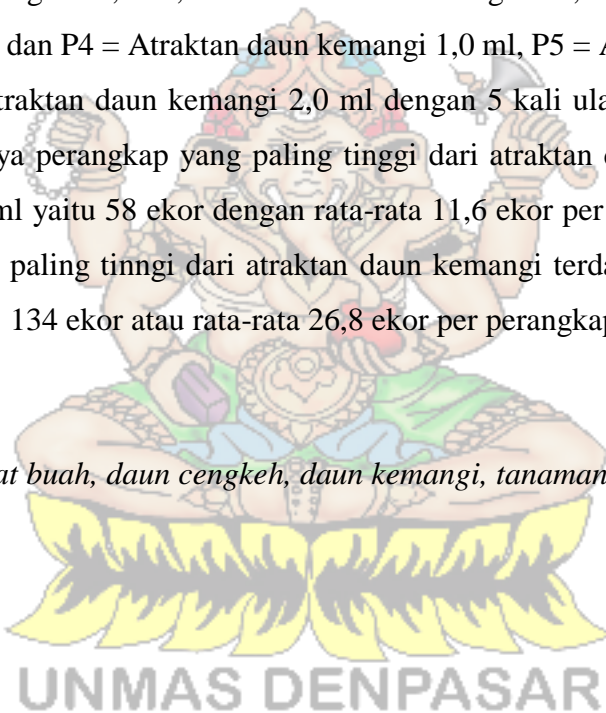


ABSTRAK

Penelitian “Uji Potensi Atraktan Daun Cengkeh dan Daun Kemangi Terhadap Hama Lalat Buah (*Bactrocera Sp*) Pada Cabai (*Capsicum annuum L.*). Tujuan penelitian adalah untuk mengetahui ketertarikan hama lalat buah pada atraktan daun cengkeh dan daun kemangi dengan dosis yang berbeda pada setiap perlakuan. Metode yang digunakan pada penelitian ini adalah menggunakan Rancangan Acak Kelompok (RAK) dengan (tujuh) 7 perlakuan yaitu P0 = Perlakuan Kontrol (tanpa ekstrak), P1 = Atraktan daun cengkeh 1,0 ml, P2 = Atraktan daun cengkeh 1,5 ml, P3 = Atraktan daun cengkeh 2,0 ml, dan P4 = Atraktan daun kemangi 1,0 ml, P5 = Atraktan daun kemangi 1,5 ml, P6 = Atraktan daun kemangi 2,0 ml dengan 5 kali ulangan. Hasil penelitian menunjukkan daya perangkap yang paling tinggi dari atraktan daun cengkeh terdapat pada dosis 2,0 ml yaitu 58 ekor dengan rata-rata 11,6 ekor per perangkap. Sementara daya perangkap paling tinggi dari atraktan daun kemangi terdapat pada dosis 2,0 ml yaitu sebanyak 134 ekor atau rata-rata 26,8 ekor per perangkap.

Kata kunci : *lalat buah, daun cengkeh, daun kemangi, tanaman cabai*



ABSTRACT

Research "Test Potential Attractants of Clove and Basil Leaves Against Fruit Flies (*Bactrocera* Sp) on Chili (*Capsicum annum* L.). The purpose of the study was to determine the interest of fruit fly pests on clove leaf and basil leaf attractants with different doses in each treatment. The method used in this study was a randomized block design (RAK) with (seven) 7 treatments, namely P0 = Control Treatment (without extract), P1 = Clove leaf attractant 1.0 ml, P2 = Clove leaf attractant 1.5 ml, P3 = 2.0 ml of clove leaf attractant, and P4 = 1.0 ml of basil leaf attractant, P5 = 1.5 ml of basil leaf attractant, P6 = 2.0 ml of basil leaf attractant with 5 replications. The results showed that the highest trapping power of clove leaf attractant was found at a dose of 2.0 ml, namely 58 individuals with an average of 11.6 individuals per trap. Meanwhile, the highest trapping power of the basil leaf attractant was found at a dose of 2.0 ml, which was 134 individuals or an average of 26.8 individuals per trap.

Keywords: *fruit fly, clove leaf, basil leaf, chili plant*

