

ABSTRAK

EFIKASI PESTISIDA NABATI CUKA SERUTAN KAYU JATI TERHADAP PENGENDALIAN KEONG MAS (*Pomacea canaliculata* Lamarck)

Oleh

**Abdul Malik Ashari
NPM. 145001123**

**Dosen Pembimbing:
Suharjadinata
Yaya Sunarya**

Percobaan dilaksanakan di Laboratorium Fakultas Pertanian Universitas Siliwangi, Tasikmalaya. Percobaan dilaksanakan pada bulan November sampai Desember 2021. Tujuan penelitian ini adalah untuk mengetahui pengaruh efikasi pestisida nabati cuka serutan kayu jati terhadap pengendalian keong mas (*Pomacea canaliculata* Lamarck). Pestisida nabati berbahan dasar cuka kayu diujikan pada 10 imago keong mas (*Pomacea canaliculata* Lamarck) di dalam wadah percobaan dan di analisis menggunakan Rancangan Acak Lengkap (RAL) yang terdiri dari 7 perlakuan dan diulang sebanyak empat kali, konsentrasi pestisida nabati cuka kayu 5% sampai dengan 30% ditambah surfaktan. Hasil penelitian menunjukkan bahwa aplikasi cuka serutan kayu jati dapat mengendalikan keong mas dengan mortalitas sebesar 25% dan aplikasi cuka kayu serutan kayu jati dengan konsentrasi 30% berpengaruh sebagai *antifeedant* bagi keong mas serta mampu menyebabkan penurunan bobot keong mas sampai 25,22%.

Kata Kunci: Cuka kayu, efikasi, keong mas

ABSTRACT

EFICATION OF BOTANICAL PESTICIDE TEAK WOOD VINEGAR ON THE CONTROL OF GOLDEN SNAIL MORTALITY (*Pomacea canaliculata* Lamarck)

By

**Abdul Malik Ashari
145001123 NPM**

**Supervisor:
Suharjadinata
Yaya Sunarya**

The experiment was conducted at the Laboratory of the Faculty of Agriculture, Siliwangi University, Tasikmalaya. The experiment was conducted in November to December 2021. The purpose of this study was to determine the effectiveness of the botanical pesticide wood vinegar on the control of golden snail (*Pomacea canaliculata* Lamarck). Botanical pesticides based on wood vinegar were tested on 10 golden snail imago (*Pomacea canaliculata* Lamarck) in an experimental container and analyzed using a Completely Randomized Design (CRD) consisting of 7 treatments and repeated four times, the concentration of botanical pesticides wood vinegar 5% to 30% plus surfactant. The results showed that the application of botanical wood vinegar can control golden snail with mortality of 25% and the application of botanical wood vinegar with a concentration of 30% affects as an antifeedant for golden snail and is able to cause a decrease in the weight of golden snail up to 25.22%.

Keywords: Efficacy, golden snail, wood vinegar.