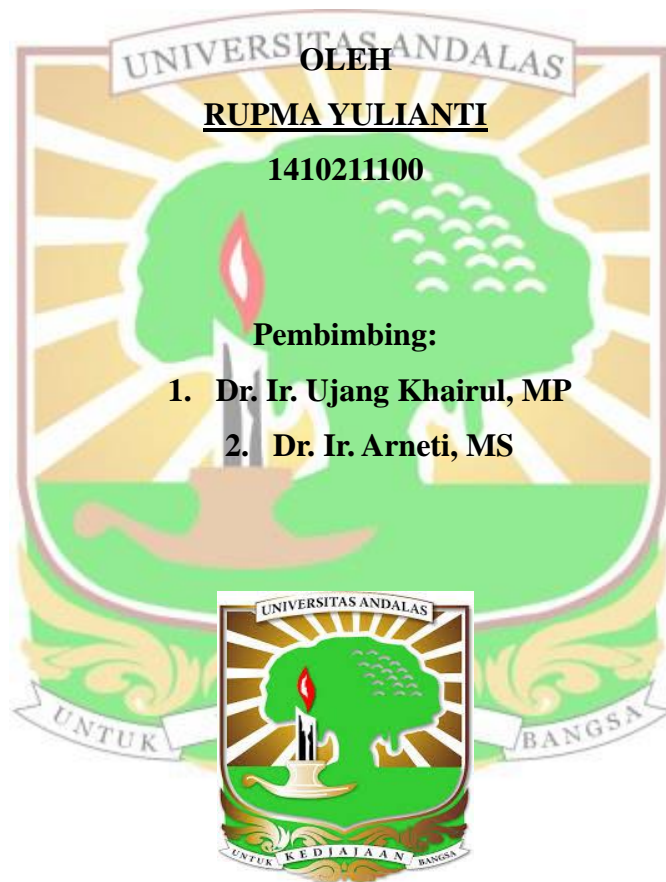


**AKTIVITAS *Nature Pest Control* (NPC) 20 WP TERHADAP  
TELUR *Crocidolomia pavonana* F. (Lepidoptera : Crambidae)**

**SKRIPSI**



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**OLEH**  
**RUPMA YULIANTI**  
**1410211100**



*Sebagai Salah Satu Syarat untuk Memperoleh Gelar  
Sarjana Pertanian*

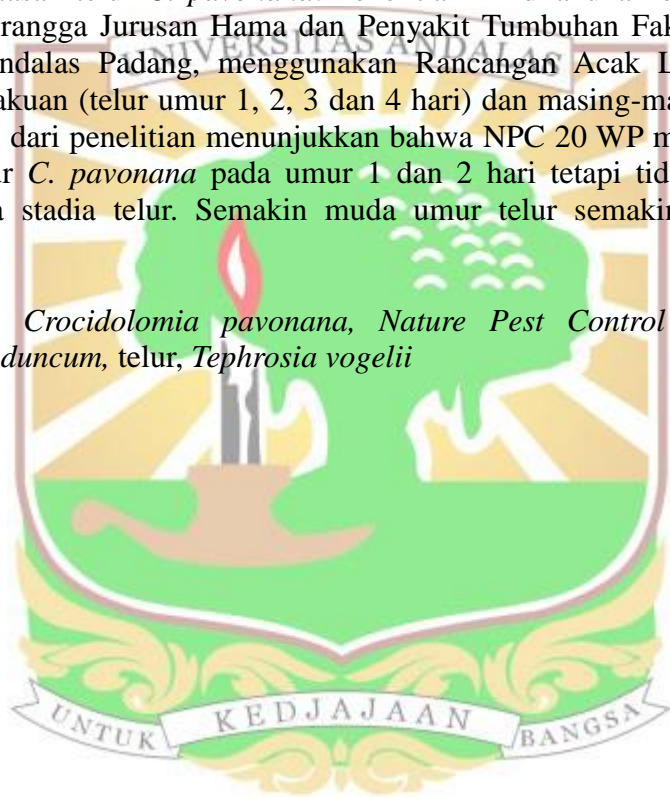
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# AKTIVITAS *Nature Pest Control* (NPC) 20 WP TERHADAP TELUR *Crocidolomia pavonana* F. (LEPIDOPTERA : CRAMBIDAE)

## Abstrak

*Nature Pest Control* (NPC) terdiri dari campuran *Piper aduncum* dan *Tephrosia vogelii* dengan perbandingan 5:1 dan aktif terhadap larva *Crocidolomia pavonana*. Penelitian ini bertujuan untuk mengetahui aktivitas NPC 20 WP terhadap penetasan telur *C. pavonana*. Penelitian ini dilakukan di Laboratorium Bioekologi Serangga Jurusan Hama dan Penyakit Tumbuhan Fakultas Pertanian Universitas Andalas Padang, menggunakan Rancangan Acak Lengkap (RAL) dengan 4 perlakuan (telur umur 1, 2, 3 dan 4 hari) dan masing-masing terdapat 7 ulangan. Hasil dari penelitian menunjukkan bahwa NPC 20 WP mampu menekan penetasan telur *C. pavonana* pada umur 1 dan 2 hari tetapi tidak berpengaruh terhadap lama stadia telur. Semakin muda umur telur semakin besar tingkat kematiannya.

Kata kunci : *Crocidolomia pavonana*, *Nature Pest Control* (NPC), *Piper aduncum*, telur, *Tephrosia vogelii*



## **ACTIVITIES *Nature Pest Control* (NPC) 20 WP ON EGG OF *Crocidolomia pavonana* F. (LEPIDOPTERA: CRAMBIDAE)**

### **Abstract**

Nature Pest Control (NPC) consists of a mixture of *Piper aduncum* and *Tephrosia vogelii* with a ratio of 5: 1. NPC is active against *Crocidolomia pavonana* larvae. The study aimed to determine the NPC 20 WP activity in the egg hatching of *C. pavonana*. This research was conducted at the Laboratory of Insect Bioecology, Department of Plant Pest and Disease, Faculty of Agriculture, Andalas University, Padang. This experiment used a completely randomized design (CRD) with four treatments (the age of eggs was 1, 2, 3, and 4 days) and 7 replications. The results showed that the NPC 20 WP was able to suppress the egg hatching of *C. pavonana* at the age of eggs was 1 and 2 days but did not affect the length of the egg stage. The death rate will decrease with increasing age.

Keywords : *Crocidolomia Pavonana*, *Nature Pest Control* (NPC), *Piper aduncum*, eggs, *Tephrosia vogelii*

