

**JENIS DAN TINGKAT SERANGAN PENGGEREK BATANG
PADI DI KABUPATEN PADANG PARIAMAN**

SKRIPSI

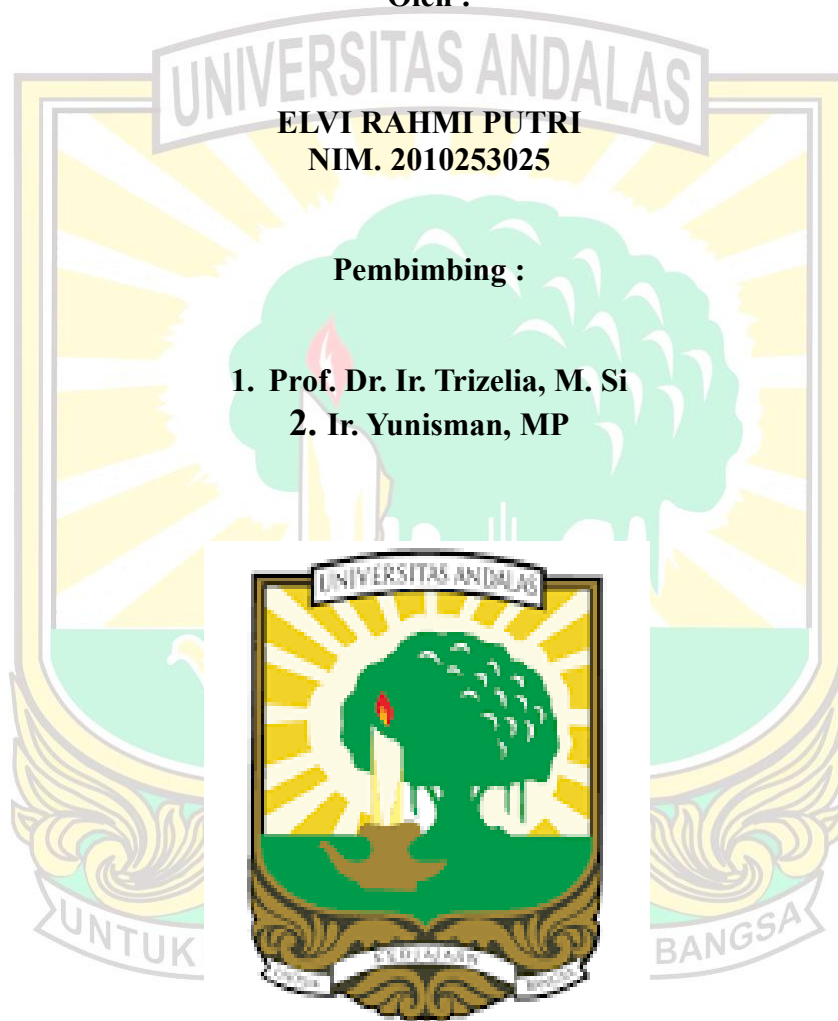
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UNIVERSITAS ANDALAS

**ELVI RAHMI PUTRI
NIM. 2010253025**

Pembimbing :

- 1. Prof. Dr. Ir. Trizelia, M. Si**
- 2. Ir. Yunisman, MP**



**FAKULTAS PERTANIAN
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Abstrak

Penggerek batang padi merupakan salah satu hama utama yang dapat mengakibatkan berkurangnya produksi tanaman padi. Penelitian bertujuan untuk mendapatkan jenis dan tingkat serangan penggerek batang padi di Kabupaten Padang Pariaman. Penelitian menggunakan metode survei pada tiga kecamatan di Kabupaten Padang Pariaman, yaitu Kecamatan Batang Anai, Kecamatan Lubuk Alung dan Kecamatan Enam Lingsung. Penentuan sampel dilakukan secara sistematis. Variabel pengamatan yang diamati adalah persentase rumpun terserang, persentase anakan terserang, kepadatan populasi dan jenis penggerek batang padi yang ditemukan. Berdasarkan hasil penelitian, dapat disimpulkan bahwa jenis penggerek batang padi yang ditemukan adalah penggerek batang padi kuning (*Scirpophaga incertulas*), penggerek batang padi kepala hitam (*Chilo polychrysus*), penggerek batang padi merah jambu (*Sesamia inferens*) dan penggerek batang padi bergaris (*Chilo suppressalis*). Kepadatan populasi penggerek batang padi, Persentase rumpun terserang, dan anakan terserang di Kabupaten Padang Pariaman lebih tinggi fase vegetatif dibandingkan dengan fase generatif. Berdasarkan persentase anakan terserang, serangan penggerek batang padi termasuk kedalam kategori serangan ringan.

Kata kunci : Jenis penggerek batang padi, kepadatan populasi penggerek batang padi, rumpun terserang, dan Anakan terserang



TYPES AND LEVELS OF RICE STEM BORER ATTACKS IN PADANG PARIAMAN

Abstract

Rice stem borers are one of the main pests that can cause a decrease in rice production. The study aims to determine the types and levels of rice stem borer attacks in Padang Pariaman Regency. The study used a survey method in three subdistricts in Padang Pariaman Regency, namely Batang Anai Subdistrict, Lubuk Alung Subdistrict, and Enam Lingkung Subdistrict. Sampling was conducted systematically. The observation variables were the percentage of infected clumps, the percentage of infected tillers, population density, and the types of rice stem borers found. Based on the results of the study, it can be concluded that the types of rice stem borers found were the yellow rice stem borer (*Scirpophaga incertulas*), the black-headed rice stem borer (*Chilo polychrysus*), the pink rice stem borer (*Sesamia inferens*), and the striped rice stem borer (*Chilo suppressalis*). The population density of rice stem borers, the percentage of infected clumps, and infected seedlings in Padang Pariaman Regency were higher in the vegetative phase than in the generative phase. Based on the percentage of infected seedlings, the rice stem borer attack was classified as a mild attack.

Keywords: Types of rice stem borers, density of rice stem borer populations, affected clumps, and affected seedlings

