

**JENIS DAN PERSENTASE SERANGAN PENGGEREK
BATANG PADI DI KOTA PADANG**

SKRIPSI

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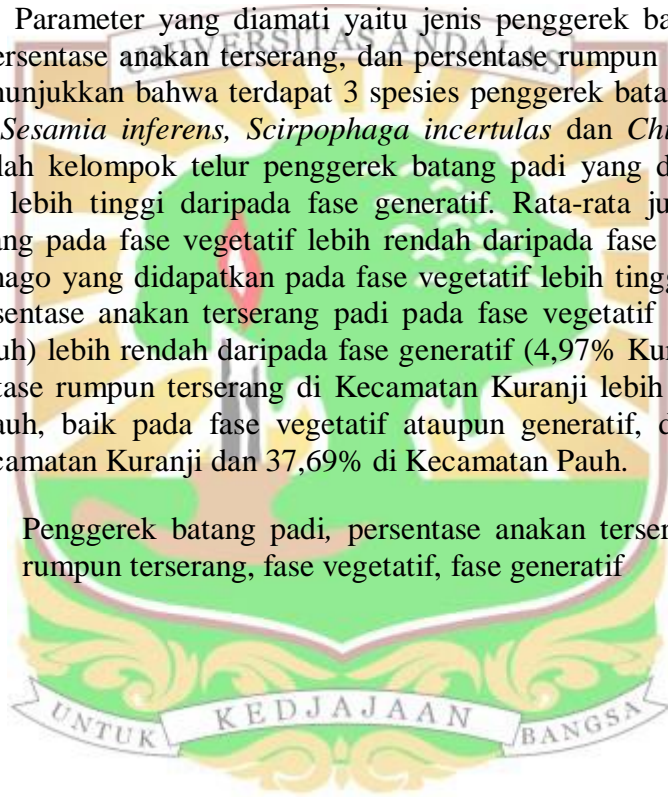
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ABSTRAK

Penggerek batang padi merupakan hama utama yang menyerang tanaman padi dari pesemaian sampai fase generatif. Penelitian ini bertujuan untuk mengetahui jenis dan menentukan persentase serangan penggerek batang padi pada fase vegetatif dan generatif yang dilaksanakan di Kecamatan Kuranji dan Pauh dari bulan April sampai Juli 2018. Pelaksanaan penelitian dilakukan dalam bentuk survei. Parameter yang diamati yaitu jenis penggerek batang padi yang menyerang, persentase anakan terserang, dan persentase rumpun terserang. Hasil penelitian menunjukkan bahwa terdapat 3 spesies penggerek batang padi di Kota Padang yaitu *Sesamia inferens*, *Scirpophaga incertulas* dan *Chilo polychrysus*. Rata-rata jumlah kelompok telur penggerek batang padi yang didapatkan pada fase vegetatif lebih tinggi daripada fase generatif. Rata-rata jumlah larva per anakan terserang pada fase vegetatif lebih rendah daripada fase generatif. Rata-rata jumlah imago yang didapatkan pada fase vegetatif lebih tinggi daripada fase generatif. Persentase anakan terserang padi pada fase vegetatif (3,75% Kuranji dan 2,92% Pauh) lebih rendah daripada fase generatif (4,97% Kuranji dan 4,96% Pauh). Persentase rumpun terserang di Kecamatan Kuranji lebih tinggi daripada Kecamatan Pauh, baik pada fase vegetatif ataupun generatif, dengan rata-rata 60,49% di Kecamatan Kuranji dan 37,69% di Kecamatan Pauh.

Kata kunci : Penggerek batang padi, persentase anakan terserang, persentase rumpun terserang, fase vegetatif, fase generatif



SPECIES AND PERCENTAGE OF RICE STEM BORER ATTACKS IN PADANG

ABSTRACT

Rice stem borer (RSB) is a major pest of rice that attacks rice plants from the nursery to the generative phase. This study aims to determine the species and determine the percentage of RSB attacks on vegetative and generative phases were carried out in Subdistric Kuranji and Pauh from April to July 2018, in the form of a survey. The variables observed are the species of RSB, the percentage of affected tillers, and the percentage of affected clumps. The results showed that there are three species of RSB in Padang namely *Sesamia inferens*, *Scirpophaga incertulas* and *Chilo polychrysus*. The average amount of RSB eggs cluster obtained in the vegetative phase is higher than the generative phase. The average number of larvae per affected tillers in the vegetative phase lower than the generative phase. The average number of RSB imago obtained in the vegetative phase was higher than the generative phase. The percentage of tillers attacked by rice in the vegetative phase (3.75% Kuranji and 2.92% Pauh) lower than the phase generative (4.97% Kuranji and 4.96% Pauh). The percentage of attacked clumps in Kuranji Subdistrict is higher than Pauh Subdistrict, both in the vegetative and generative phases, with an average of 60.49% in Kuranji Subdistrict and 37.69% in Pauh Subdistrict.

Keywords : Rice stem borer (RSB), the percentage of affected tillers, percentage of affected clumps, vegetative phase, generative phase.

