

**TINGKAT SERANGAN HAMA PENGGEREK BUAH KAKAO
(*Conopomorpha cramerella* Snellen) PADA PERKEBUNAN KAKAO
RAKYAT DI KECAMATAN SITIUNG KABUPATEN DHARMASRAYA**

SKRIPSI



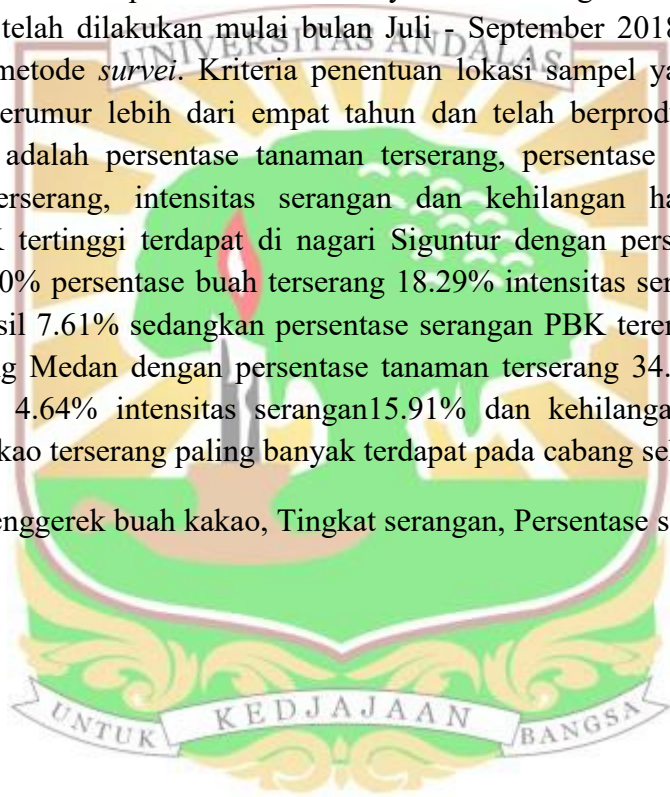
**FAKULTAS PERTANIAN
KAMPUS III UNIVERSITAS ANDALAS
DHARMASRAYA
2019**

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ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui sebaran dan tingkat serangan penggerek buah kakao (PBK) yang disebabkan oleh *Conopomorpha cramerella* di kecamatan sitiung kabupaten Dharmasraya. Penelitian ini dilaksanakan pada 4 Nagari: Sitiung, Siguntur, Gunung medan dan Sungai Duo. Pada masing-masing lokasi pengambilan sampel dilakukan sebanyak 5 kali dengan interval 1 minggu. Penelitian ini telah dilakukan mulai bulan Juli - September 2018. Penelitian ini menggunakan metode *survei*. Kriteria penentuan lokasi sampel yaitu pertanaman kakao yang berumur lebih dari empat tahun dan telah berproduksi. Parameter yang diamati adalah persentase tanaman terserang, persentase buah terserang, letak buah terserang, intensitas serangan dan kehilangan hasil. Persentase serangan PBK tertinggi terdapat di nagari Siguntur dengan persentase tanaman terserang 65.80% persentase buah terserang 18.29% intensitas serangan 76% dan kehilangan hasil 7.61% sedangkan persentase serangan PBK terendah terdapat di Nagari Gunung Medan dengan persentase tanaman terserang 34.11% persentase buah terserang 4.64% intensitas serangan 15.91% dan kehilangan hasil 1.57%, Letak buah kakao terserang paling banyak terdapat pada cabang sekunder.

Kata kunci: Penggerek buah kakao, Tingkat serangan, Persentase serangan.



**THE DAMAGE OF CACAO POD BORER (*Conopomorpha cramerella*
Snellen) ON SMALLHOLDER PLANTATIONS IN SITIUNG
SUBDISTRICT DHARMASRAYA REGENCY**

ABSTRACT

This study was aimed at studying the distribution and damage intensity of cacao pod borer (CPB) caused by *Conopomorpha cramerella* in sitiung subdistrict, Dharmasraya regency. The research was carried out in four villages: Sitiung, Siguntur, Gunung medan and Sungai Duo. In each village there was one sampling area and samplings were taken five times with interval 1 week. The study was conducted from Juli until September 2018. The survey was conducted in cocoa plantations in which the plants were more than four years old and had produced fruits. The parameters observed were the percentage of plants and fruits attacked, intensity of attacks and yield loss. The highest percentage of CPB attack was in the village of Siguntur with the percentage of plant attack was 65.80%, the percentage of fruit attacked was 18.29%, intensity of attack was 76% and yield loss was 7.61% while the lowest percentage of attack was in the village of Gunung Medan with the percentage of plant attack was 34.11%, the percentage of fruit attacked was 4.64%, intensity of attack was 15.91 % and yield loss 1.57%. Mostly fruits attacked were located on the secondary branches.

Keywords: Cocoa pod borer (CPB), damage intensity, percentage of plant attacked