TINGKAT SERANGAN SIPUT HAMA (Gastropoda:Pulmonata) PADA TANAMAN KUBIS (*Brassica oleracea* L.) dan TANAMAN SAWI PUTIH (*Brassica pekinensis* L.) di NAGARI KAMPUNG DALAM, KECAMATAN DANAU KEMBAR, KABUPATEN SOLOK

SKRIPSI

OLEH

ULFATUN NI'MAH
NIM.1810252056

PEMBIMBING:
1. **Ir. YUNISMAN, MP**
2. **Dr. REFLINALDON, M,Si**

FAKULTAS PERTANIAN
UNIVERSITAS ANDALAS
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ABSTRAK

Siput hama (Gastropoda: Pulmonata) merupakan hama yang menyerang tanaman sayuran terutama jenis tanaman kubis-kubisan, diantaranya kubis/kol dan sawi putih. Hama ini menyerang pada bagian daun tanaman yang mengakibatkan tanaman menjadi rusak dan berlubang. Tingkat serangan siput hama pada tanaman kubis dan tanaman sawi putih di Nagari Kampung Dalam Kecamatan Danau Kembar Kabupaten Solok sudah dilakukan yang bertujuan untuk mengetahui persentase tanaman terserang, intensitas serangan, jenis siput dan populasi siput hama, penelitian dilaksanakan pada bulan September 2022 – Januari 2023. Penelitian yang dilakukan menggunakan metode *survei* dan untuk penentuan lokasi penelitian dilakukan menggunakan *Puposive sampling (*pengambilan sampel secara terpilih*)* serta pengumpulan sampel menggunakan metode tangkap langsung *(hand picking*) sampel yang diambil sebanyak 50 tanaman, dalam 1 lahan terdiri dari 5 petakan, 1 petakan terdiri 10 tanaman yang disusun secara diagonal. Parameter yang diamati yaitu kondisi lahan pertanaman, persentase tanaman terserang, intensitas serangan dan populasi siput hama. Sampel diambil di Nagari Kampung Dalam Kecamatan Danau Kembar Kabupaten Solok dan identifikasi dilakukan di Laboratorium Bioekologi Serangga Fakultas Pertanian. Berdasarkan penelitian yang telah dilakukan ditemukan 2 jenis spesies siput hama yaitu siput semak (*Bradybaena similaris)* dan siput telanjang (*Deroceras laeve)* dengan persentase tanaman terserang tanaman kubis dan tanaman sawi putih pada hari ke-59/ pengamatan ke-5 mencapai 100% dengan intensitas serangan yang disebabkan siput hama berkisaran 52% - 58% termasuk dalam kategori kerusakan berat.

Kata kunci: *Bradybaena similaris*, *Deroceras laeve*, kubis, sawi putih

LEVEL OF ATTACK OF PEST SNAILS (Gastropoda: Pulmonata) ON CABBAGE (*Brassica oleracea L.*) and chinese cabbage (*Brassica pekinensis L*) PLANTS IN NAGARI KAMPUNG IN LAKE KEMBAR DISTRICT, SOLOK DISTRICT

ABSTRACT

Pest snails (Gastropoda: Pulmonata) are pests that attack vegetable plants, especially cabbage types, including cabbage and white mustard. This pest attacks the leaves of the plant, causing the plant to become damaged and have holes. The level of pest snail attacks on cabbage and white mustard plants in Nagari Kampung Dalam, Danau Kembar District, Solok Regency, has been carried out with the aim of finding out the percentage of plants attacked, the intensity of attacks, types of snails and populations of pest snails. The research was carried out in September 2022 - January 2023. The research was carried out using a survey method and to determine the location was carried out using puposive sampling (selected sampling) and sample collection using the direct capture method (hand picking). Samples were taken of 50 plants, in 1 land consisting of 5 plots, 1 plot consisting of 10 plants arranged diagonally. The parameters observed were the condition of the planting land, the percentage of plants attacked, the intensity of the attack and the population. Samples were taken in Nagari Kampung Dalam, Danau Twin District, Solok Regency and identification was carried out at the Insect Bioecology Laboratory, Faculty of Agriculture. Based on research that has been carried out, 2 types of pest snail species were found, namely bush snails (*Bradybaena similaris*) and naked snails (*Deroceras Laeve*) with the percentage of plants attacked by cabbage plants and white mustard plants on the 59th day/5th observation reaching 100% with an intensity Attacks caused by pest snails range from 52% - 58%, including in the heavy damage category.

Key words: *Bradybaena similaris, Deroceras laeve,* cabbage, white cabbage


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