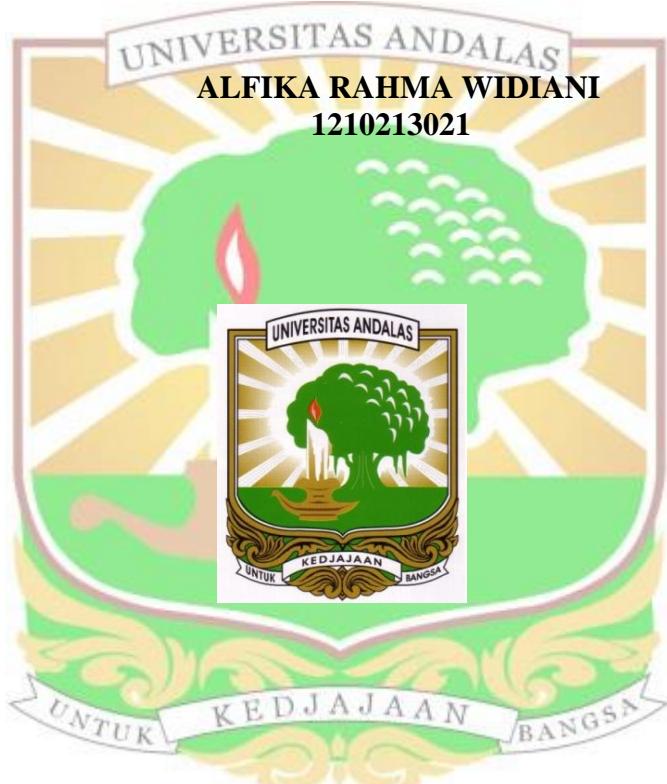


**INVENTARISASI HAMA DAUN TANAMAN UBI KAYU
(*Manihot esculenta* Crantz) DAN TINGKAT SERANGANNYA
DI KOTA PAYAKUMBUH**

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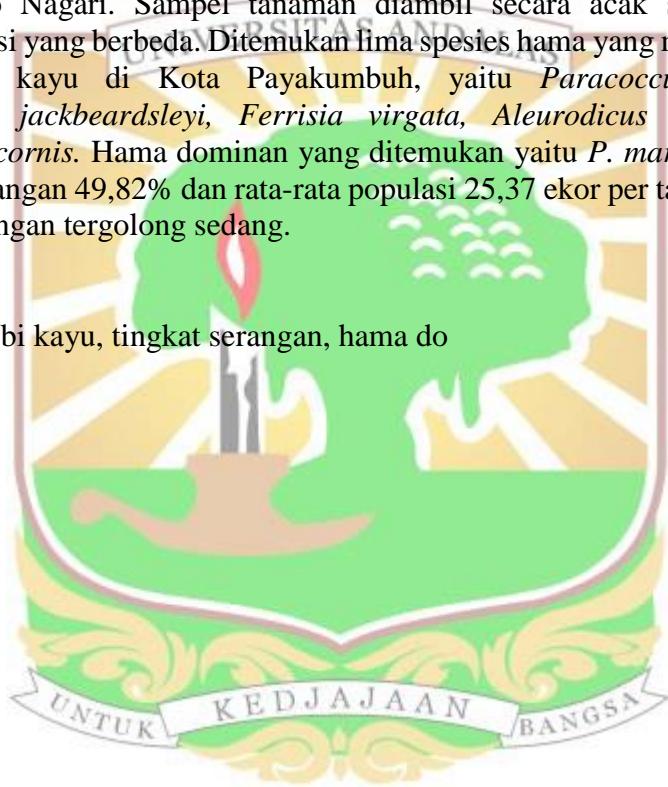
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INVENTARISASI HAMA DAUN TANAMAN UBI KAYU (*Manihot esculenta* Crantz) DAN TINGKAT SERANGANNYA DI KOTA PAYAKUMBUH

ABSTRAK

Salah satu permasalahan dalam budidaya ubi kayu adalah serangan hama yang dapat menurunkan produksi. Penelitian telah dilaksanakan di pertanaman ubi kayu rakyat Kota Payakumbuh dengan tujuan untuk mengidentifikasi dan mengukur tingkat serangan hama di pertanaman ubi kayu. Survey dilakukan di tiga kecamatan, yaitu Kecamatan Payakumbuh Selatan, Payakumbuh Barat dan Lampasi Tigo Nagari. Sampel tanaman diambil secara acak sistematis pada Sembilan lokasi yang berbeda. Ditemukan lima spesies hama yang menyerang daun tanaman ubi kayu di Kota Payakumbuh, yaitu *Paracoccus marginatus*, *Pseudococcus jackbeardsleyi*, *Ferrisia virgata*, *Aleurodicus dispersus*, dan *Valanga nigricornis*. Hama dominan yang ditemukan yaitu *P. marginatus* dengan persentase serangan 49,82% dan rata-rata populasi 25,37 ekor per tanaman, dengan intensitas serangan tergolong sedang.

Kata kunci : Ubi kayu, tingkat serangan, hama do



INVENTORY OF LEAF PESTS OF CASSAVA PLANT (*Manihot esculenta* Crantz) AND THEIR DAMAGE INTENSITY IN PAYAKUMBUH

ABSTRACT

One of problems in the cultivation of cassava is pests that can reduce its production. A research was conducted at cassava plantations in Payakumbuh with objective were to identify the species and measure their damage intensity at cassava plantations in Payakumbuh. Survey was conducted in three subdistricts: Payakumbuh Selatan, Payakumbuh Barat, and Lampasi Tigo Nagari. Systematic random sampling method was used to take plant samples at nine different locations. Five species of pests were found attacking cassava plants in Payakumbuh. They were *Paracoccus marginatus*, *Pseudococcus jackbeardsleyi*, *Ferrisia virgata*, *Aleurodicus dispersus*, and *Valanga nigricornis*. The dominant pests found was *P. marginatus* with 49.82% damage intensity which categorized as medium and 25.37 individuals per plant.

Keywords : Cassava, damage intensity, pests

