

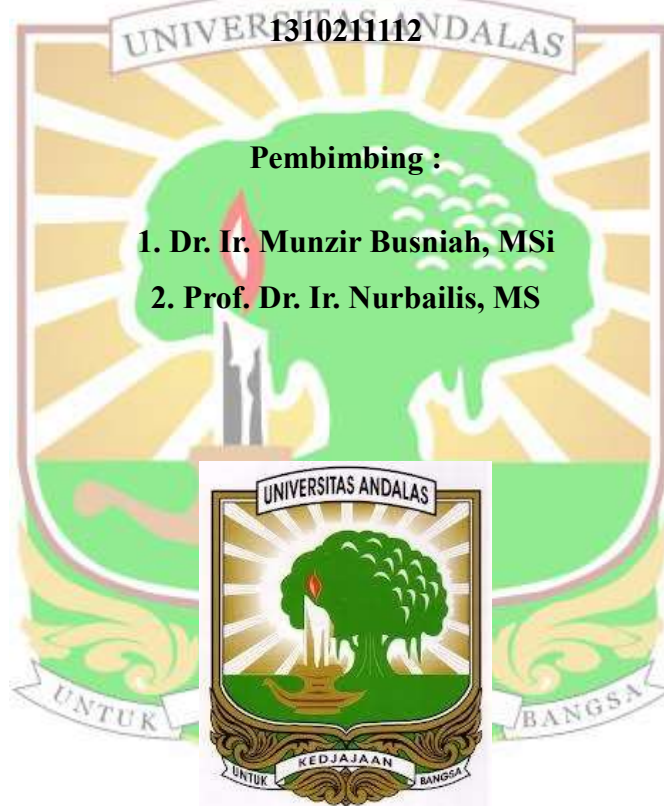
**KETAHANAN BEBERAPA VARIETAS PADI LOKAL
TERHADAP SERANGAN WERENG BATANG COKLAT
(*Nilaparvata lugens* Stahl.) (HEMIPTERA: Delphacidae)**

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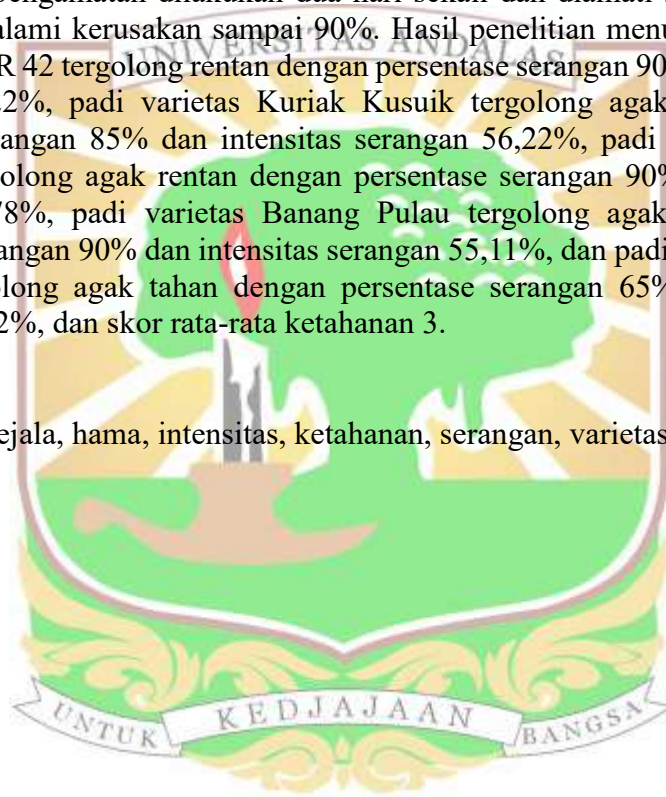
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KETAHANAN BEBERAPA VARIETAS PADI LOKAL TERHADAP SERANGAN WERENG BATANG COKLAT *Nilaparvata lugens* Stahl. (HEMIPTERA: Delphacidae)

Abstrak

Penelitian bertujuan untuk melihat beberapa varietas padi lokal yang memiliki ketahanan terhadap serangan hama Wereng Batang Coklat/WBC (*Nilaparvata lugens* Stahl). Padi ditanam didalam ember plastik dan di infestasikan sebanyak 2 ekor nimfa WBC biotipe 3 instar 3 secara merata. Gejala serangan, persentase serangan, dan intensitas serangan hama WBC diamati satu hari setelah infestasi dan pengamatan dilakukan dua hari sekali dan diamati sampai tanaman kontrol mengalami kerusakan sampai 90%. Hasil penelitian menunjukkan bahwa padi varietas IR 42 tergolong rentan dengan persentase serangan 90% dan intensitas serangan 70,22%, padi varietas Kuriak Kusuik tergolong agak rentan dengan persentase serangan 85% dan intensitas serangan 56,22%, padi varietas Bujang Marantau tergolong agak rentan dengan persentase serangan 90% dan intensitas serangan 61,78%, padi varietas Banang Pulau tergolong agak rentan dengan persentase serangan 90% dan intensitas serangan 55,11%, dan padi varietas Batang Sungkai tergolong agak tahan dengan persentase serangan 65% dan intensitas serangan 34,22%, dan skor rata-rata ketahanan 3.

Kata kunci: Gejala, hama, intensitas, ketahanan, serangan, varietas.



RESISTANCE OF SOME LOCAL RICE VARIETIES TO BROWN PLANTHOPPER ATTACK (*Nilaparvata lugens* Stahl.) (Hemiptera: Delphacidae)

Abstract

The study aimed to obtain at some local rice varieties that have resistance to the attack of Brown Planthopper (*Nilaparvata lugens* Stahl). Rice was planted in a plastic bucket and was infestation by two individual of third instars nymphs, biotype 3. Attack symptoms, percentage of attacks, and intensity of Brown Planthopper attacks were observed one day after the infestation. Observations were made every other day and watched until the control plants were damaged up to 90%. The results showed that IR 42 varieties were classified as vulnerable, with a 90% attack percentage and 70.22% attack intensity. Kuriak Kusuik variety rice classified as rather vulnerable with 85% attack percentage and 56.22% attack intensity. Bujang Marantau variety rice classified as rather vulnerable with an attack percentage of 90% and an attacking intensity of 61.78%. Banang Pulau variety rice was classified as rather vulnerable with an attack percentage of 90% and an intensity of attack of 55.11%. Batang Sungkai variety was relatively resistant with an attack percentage of 65% and an attacking intensity of 34.22%, and an average resistance score of 3.

Keywords: Symptoms, pests, the intensity of resistance, attacks, varieties

