

**MỘT SỐ DỮ LIỆU VỀ RẦY LƯNG TRẮNG HẠI LÚA  
(*Sogatella furcifera* Horvath) TẠI TỈNH THỪA THIÊN HUẾ**

**Some Data on White- Backed Planthopper (*Sogatella furcifera* Horvath)  
in Thua Thien Hue Province**

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**Abstract**

Studying planthopper in Thua Thien Hue province was carried out from 2012 to 2015 we obtained some following results: (1) Screening resistance has been conducted on 30 rice varieties planting popularly in Central Vietnam indicated that 40% (12/30) were resistant, 50% (15/30) were moderate resistant; 6.67% (2/30) were moderate susceptible and 3.33 (1/30) was severe susceptible; (2) Research on biology of WBPH population in Thua Thien Hue indicated that life cycle of the WBPH reared at 25°C was 28.3 days longer than that at 30°C (24.5 days); Longevity and fecundity at 25°C (18.4 days; 95.6 eggs/female and 13.2 eggs/day) were larger than those at 30°C (16.4 days; 61.9 eggs/female and 11.4 eggs/day). The developmental time, mortality, longevity, fecundity, hatching percentage of WBPH were depended on rice varieties. When reared the WBPH on 5 rice varieties (HP01, HP05 HP07, HP10 and HT1) the developmental time from egg to adult of WBPH was 22.3 - 28.2 days, mortality of the larva (5th instar) was 62.3 - 86.7%; longevity of male and female was 8.5 – 14.2 day and 8.7 - 15.8 days, respectively; the fecundity of the adults female was 72.3 - 164.8 eggs/female and the hatching percentage was 51.2 - 84.2%. Among those varieties, HT1 was highest susceptible to WBPH; (3) Studying virulence and biotype of the WBPH was conducted on 6 varieties carrying WBPH resistant genes N22, ARC1023, ADR52, Podiwi-A8, Manggar, N'Diang Marie indicated that the WBPH population in Thua Thien Hue belong to biotype 1.

**Keywords:** Biology, Biotype, IPM , Resistant variety, Thua Thien Hue, Whitebacked planthopper.