

Screening of Advanced Rice Cultures against Brown Planthopper, *Nilaparvatalugens* (Stal.)

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ABSTRACT

A field experiment was conducted at Agricultural College Farm, Bapatladuring *khari*, 2019 for testing the resistance of twenty eight advanced rice cultures against brown planthopper, *Nilaparvatalugens*. The level of resistance of rice genotypes was determined based on the 0-9 damage score as per IRRI's Standard Evaluation System (SES). All 28 cultures *viz.*, BPT 2601, 2787, 2808, 2841, 2846, 2850, 2854, 2863, 2866, 2932, 2935, 2938, 2948, 2950, 2953, 2954, 2956, 2958, 3025, 3029, 3031, 3032, 3033, 3034, 3049, 3050, 3059, 3060 and 3082 were rated as highly resistant (HR) with a damage score of one.

Key words: *Brown planthopper, Rice and Screening.*