

Field Screening of Different Paddy Advanced Cultures against Brown Planthopper, *Nilaparvata lugens* (Stal.)

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ABSTRACT

Twenty eight advanced rice cultures were tested for resistance against the brown planthopper, *Nilaparvata lugens* under field conditions at Agricultural College Farm, Bapatla during *khari* 2015. The resistance for cultures was assessed based on the 0-9 damage score as per Standard Evaluation System. Among the various cultures screened, four cultures were *viz.*, BPT 2789, BPT 2703, BPT 2787 and BPT 2688 found to be resistant and recorded a damage score of '3'. The remaining 24 cultures were found to be moderately resistant with a damage score of '5'.

Key words: *Field screening, paddy, planthopper.*