

Screening of Rice Germplasm for Resistance to Rice Leaf Folder Under Natural Field Conditions

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ABSTRACT

Fifty rice germplasm were screened under natural field conditions during two years i.e. *kharif* 2009-10 and 2010-11. In *kharif* 2009-10 the highest leaf infestation was in TN-1 (35.9 %), where as lowest leaf damage was observed in RP-2068-18-13-5 (9.8) with a mean damage of 20.3 percent. In *kharif* 2010-11, highest leaf folder incidence was noticed in NLR 33636-4 with 42.6 percent leaf damage and the lowest was observed in Jhitpiti followed by W-1263 and LF 333 with a leaf damage of 11.9, 12.4 and 12.8 percent, respectively. The cumulative mean incidence of two years indicated that the mean percent damage was 22.06 and the damage ranged from 11.4 to 37.39. the lowest leaf damage was recorded in Jhitpiti (11.4 %) and the highest damage was observed in NLR 145 (37.39 %) and T N-1 (37.16%).

Key words : Rice germplasm, Rice leaf folder, Screening