

Category	: 8th Rice Genetics Symposium
Select Theme	: Genetic improvement
Endorsement email	:
Keyword 1	: Genotype x Environment Interactions
Keyword 2	: Germplasm Enhancement
Keyword 3	: Pre-breeding
Title of Entry	: Adaptability for yield and its contributing characters in some exotic genotypes of rice (<i>Oryza sativa</i> L.) over six environments.
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Select only one type of presentation : 3-5 minute flash talk

Abstract : ABSTRACT The experimental material consists of 53 exotic genotypes and one local variety of rice. The experiment was conducted in randomized block design with three replications at three locations during Kharif 2013 and Rabi 2013-14. The mean sums of squares due to G x E interaction were significant. The mean squares due to environment (linear) were significant for all the characters studied, indicating that the differences were present between environments. Among the fifty four genotypes studied, the genotype EC723526 was well adapted to all environments under study. The genotype EC723510, EC723528, EC723541 and EC723557 were found adapted to favorable environments. None of the genotype was stable for all the characters studied. Key words: Adaptability, Stability, G x E interaction, Regression coefficient.

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