

# **Character Association for Salinity Tolerance at Seedling Stage and Yield Components Under Saline Conditions in Rice (*Oryza sativa* L.)**

**K Hrudaya Raj, T Srinivas, V Satyanaraya Rao, P Venkata Ramana Rao  
and Sk Nafeez Umar**

Department of Genetics and Plant Breeding, Agriculture College, Bapatla, A.P

## **ABSTRACT**

The study was conducted to examine the relationships between salinity tolerance at seedling stage and yield components of 80 rice (*Oryza sativa* L.) genotypes which were grown under saline conditions. Association studies revealed that plant height, number of ear bearing tillers, number of filled grains, panicle length and test weight unveiled positive and significant collaboration with grain yield indicating that the characters under study assist in selecting the genotypes which can grow normally and induce grain yield under saline conditions.

**Key words:** *Genotypic correlation, Phenotypic correlation.*