

Correlation Studies For Physical Quality Traits In Rice (*Oryza Sativa* L.)

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ABSTRACT

Four F₂ populations were studied in order to understand the character association among the grain quality characters and yield components in rice (*Oryza sativa* L.) in pursuit of developing highly potential rice genotypes with good grain quality. The results of simple correlation analysis in F₂ population revealed that milling traits *viz.*, hulling percent, milling percent and head rice recovery showed a positive significant correlation among themselves and with yield components. Therefore, from the present study it is inferred that selection for more test weight will simultaneously improve grain yield with good milling traits.

Key words : Character association, Correlation, Rice.