

## **Influence of seedling ages, management practices and packaging materials on physiological attributes of hybrid rice varieties**

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**ABSTRACT :** The present study were carried out on “Influence of seedling age, management practices and storage container on physiological attributes of paddy seed in storage during October 2013 to July 2014 on freshly harvested seeds of hybrid rice (PSD3& PSD1) produced under System of Rice Intensification with 15, 20 and 25 days old seedling which was grown under dry nursery with organic and inorganic management practices at Breeder Seed Production centre, GBPUA&T, Pantnagar, U.S. Nagar. Seed after harvesting and grading dried up to safe moisture content 13% and packed in cloth and polythene bag (700 gauze). The seeds stored for nine months under ambient storage condition. The physiological attributes were checked before and after storage. The result clearly revealed that age of seedling and management practices showed significant role in all studied characters except percent of germination but management practices also showed significant impact with seedling length and storage container.

**Key Words :** *Oryza sativa*, physiological attributes, seedling age, management practices, packaging material.