

## Identification of suitable age of seedlings and planting pattern of rice under SRI

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### **SUMMARY**

Field experiments were conducted for two consecutive *Kharif* seasons of 2005 and 2006 at Agricultural College farm, Naira, Srikakulam district, A.P. on sandy clay loam soil with an objective of optimization of agro-techniques for higher productivity of rice under SRI in North Coastal Zone of Andhra Pradesh. The treatments comprised of combination of four different ages of seedlings (8, 12, 16 and 20 days old) and four planting patterns (20 x 20 cm, 25 x 25 cm, 30 x 30 and 35 x 35 cm). Transplanting of 12 days old seedlings resulted in the highest growth stature, yield attributes, yield and returns. Planting pattern of 25 x 25 cm recorded higher growth stature, yield attributes, yield and returns and the lowest with planting pattern of 35 x 35 cm.

**Key Words :** SRI, Rice, Seedling age, Spacing, Yield attributes, Grain yield, Returns

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