

# **On Farm Trial on Cost Reduction Production Technologies of Paddy in Andhra Pradesh**

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## **ABSTRACT**

An on-farm trial was conducted in Prakasam district of Andhra Pradesh during 2012-13 to evaluate the performance of paddy under machine transplanting and drum seeding method and performance was compared over manual planting. Among the three rice production technologies analyzed, the number of productive tillers per square meter was highest in machine planting (30) followed by drum seeding (26.5) and manual planting (21.5). But the per hectare yield was found to be highest in drum seeding (9710 kg ha<sup>-1</sup>) followed by machine planting (9600 kg ha<sup>-1</sup>) and manual planting (8250 kg ha<sup>-1</sup>). The cost of cultivation, net returns and B: C ratio were maximum in drum seeding method.

Key words: *Drum seeding, Machine planting, Manual planting, On farm trial.*