

# **Growth and Yield of Rabi Jowar as Influenced by Residual Effect of INM to Preceding Rice**

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## **ABSTRACT**

A field experiment was conducted during *rabi* for two consecutive years (2015-2016 and 2016-2017) on sandy clay loam soil of Agricultural College Farm, Bapatla. The experiment was laid out in a split plot design with thirteen main plots (preceding *kharif* rice) split into three sub plots (*rabi* no till jowar) with total 39 treatments and replicated thrice. The results indicated that all the characters studied were significantly higher with application of 100% RDN through inorganic fertilizer ( $T_1$ ) during *kharif* in combination with 100% N level applied during *rabi* however, it was on a par with that of application of 50% RDN+ 50 % Green manure ( $T_{12}$ ) and 50% RDN + 50% Poultry manure ( $T_6$ ) with 100 % N level during *rabi* in both the years of study.

**Key words:** *Nitrogen levels, No till Jowar, Integrated Nutrient Management.*