

Effect of Bioregulators on Growth and Yield in Rice Fallow Maize

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ABSTRACT

A field experiment was conducted during *rabi* 2010-11 at Agricultural College Farm, Bapatla to study the effect of bioregulators on growth and yield in rice fallow maize. Results revealed that significant differences were observed among the treatments for plant height, leaf area, total dry matter, yield and yield components in rice fallow maize. Among the treatments foliar application of brassinosteroids 1 ppm + thiourea 1000 ppm + kinetin 10 ppm at silking stage recorded higher values of plant height, leaf area, total dry matter, yield and yield components compared to other treatments in rice fallow maize.

Key words : Bioregulators, Growth, Kinetin, Rice fallow maize, Thiourea, Yield .