

Effect of Integrated Nutrient Management on Growth, Yield Attributes and Yield of Sweet Corn

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ABSTRACT

A field experiment entitled “Sustaining soil health and productivity of sweet corn through nutrient management” was carried out during *kharif*, 2017 having ten treatments in randomized block design with replicated thrice at Agricultural College Farm, Bapatla. The results on plant height, yield attributes *viz.*, length and girth of the cob, no of kernels per cob, 100 kernel weight and drymatter yield at tasseling and at harvest, green cob and stover yields were significantly influenced by the treatments and the treatment which received 100 per cent RDF recorded highest values and it was on par with treatments received 50 per cent recommended dose of fertilizers along with organic manures. Significant positive correlation was observed between soil properties and performance of sweet corn.

Key words: *Plant height, dry matter production, yield, sweet corn*