

# Effect of Graded Levels of Poultry Manure and Fertilizers on Growth and Yield of Sweet Corn

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## ABSTRACT

A field experiment was conducted on sandy loam soil of Agricultural College, Naira during *rabi*, 2020-21 with four fertilizer levels and four levels of poultry manure. Among graded levels of fertilizers, application of 100 % RDF (180-60-60 kg N, P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O ha<sup>-1</sup>) and among the graded levels of poultry manure, application of 7.5 t ha<sup>-1</sup> recorded the highest growth, yield structure and fresh cob yield. Combined application of 100 % RDF along with 7.5 t ha<sup>-1</sup> of poultry manure resulted the peak growth parameters (plant height, number of leaves and dry matter production), yield attributes and fresh cob yield in sweet corn.

**Keywords:** *Fertilizers, Cob yield, Sweet corn, Poultry manure and Yield attributes.*