

Effect of different plant growth regulators on fruit yield of papaya (*Carica papaya* L.) cv. Pusa Dwarf

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ABSTRACT : An experiment was conducted at the experimental station, college of agriculture, Tikamgarh (M.P.) to study the effect of different plant growth regulators on fruit yield of papaya. Foliar sprays of different plant growth regulators NAA, TIBA, GA₃ and Ethrel at 100,150 and 200 ppm respectively. Had improved the yield of papaya. Among the treatments of plant growth regulators. Except NAA 200 ppm, significantly increased the yield per plant over control. However, individual applications of TIBA 200ppm have proved more effective than other treatment.

Key Words : NAA, TIBA, GA₃, and Ethrel.