

EFFECT OF BEST PLANT BIO-REGULATORS AND MICRONUTRIENT FOR GETTING HIGHER FRUIT SETTING IN MANGO (*MANGIFERA INDICA* L.) CV. AMRAPALI

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Abstract: An investigation was carried out on 19 years old plantation of mango (*Mangifera indica* L.) cv. Amrapali at C.S.A.U.A.&T., Kanpur (U.P.) India, during the year 2013-2014. In all, 15 treatments foliar application of plant bio-regulators and micronutrient were tested in RBD design replicated thrice. The result concluded that pre-harvest application of GA₃ (40 ppm) + ZnSO₄ (1.0%) results in significant decrease in fruit drops, increase in fruit retention. The application of NAA (40 ppm) + ZnSO₄ (0.5%) results in significantly increase the number of fruits set per plant and minimum fruit set under control.

Keywords: Mango, GA₃, NAA, Zinc sulphate, Fruit drop

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