

Effect of Foliar Application of Growth Regulators and Micronutrients on Fruit Yield of Acid Lime (*Citrus aurantifolia* Swingle)

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Abstract—*The present study was conducted at the Agrotechnology Park, Krishi Vigyan Kendra, College of Agriculture, Gwalior, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior (M.P.) during the year 2015-16 and 2016-17. The experiment was laid out in Randomized Block Design (RBD). Seventy four uniform healthy acid lime trees, planted at 6 x 6 m distance were selected under the present study. The experiment consisted of 24 treatment combinations out of six the combination of growth regulators and micronutrients with control and four acid lime varieties. In this manuscript various yield parameters such as number of fruits per tree, fruits yield per tree and fruits yield per hectare have discussed here in respect of foliar application of growth regulators and micronutrients on acid lime varieties.*

Keywords: *Acid lime, plant growth regulators, micronutrients, yield attributes, variety.*