



Research Paper

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Effect of foliar application of micronutrients and sorbitol on fruit quality and leaf nutrient status of mango cv. ALPHONSO

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ABSTRACT : An experiment was conducted at Horticultural College and Research Institute, Periyakulam (Tamil Nadu) on effect of foliar application of micronutrients and sorbitol on the fruit quality and nutrient content in leaf of mango cv. Alphonso and found that the lower concentration of B, Ca and sorbitol had influenced in fruit quality compared to control. The treatment boric acid 0.02 per cent significantly increased the TSS, total sugars (%), reducing sugar (%), non-reducing sugar (%), ascorbic acid (mg/100g), carotenoids (mg/100g), sugar acid ratio and lowest values of acidity. In case of nutrient status in mango leaves N, P, K and B content were found to be higher in boric acid 0.02 per cent, while calcium content was maximum in calcium nitrate 0.06 per cent spray.

KEY WORDS : Mango, Micronutrient, Sorbitol, Quality, Leaf nutrient

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