ABSTRACT
Effect of foliar sprays of plant growth regulators viz., GA$_3$ and NAA and nutrients like urea and KNO$_3$ singly or in combination on qualitative parameters of hasta bahar acid lime fruits was studied during 2002-2003. Experiment was carried out adopting Randomized block design with nine treatments compared to control (no spray). Two foliar sprays at monthly interval were carried out and observations were recorded for fruit growth in terms of average weight and volume of fruit and qualitative parameters. Results revealed that two foliar spray of KNO$_3$ 2% and GA$_3$ 100 ppm increased fruit weight, fruit volume and improved fruit quality. Maximum juice percentage, TSS and ascorbic acid content was obtained whereas acidity and peel percentage was reduced resulting into better quality fruit.


Key words : KNO$_3$, GA$_3$, Foliar spray, Quality, Acid lime, Plant growth regulators, Nutrient