

Effect of Organic Manures on Yield, Quality and Nutrient Uptake of Baby Corn Genotypes

P Ashalatha, S M Muneendra Naidu, G Prabhakara Reddy and P Aruna
Department of Agronomy, S V Agricultural College, Tirupati 517 502, Andhra Pradesh

ABSTRACT

A field experiment was conducted during rabi 2008-09 to study the effect of different sources of organic manures on yield, quality and nutrient uptake of baby corn genotypes. The experiment was laid out in a split plot design, replicated thrice and the treatments consisted of three genotypes viz., golden baby (G_1), G-5406 (G_2) and G-5414 (G_3) allotted to main plots and seven manurial sources viz., recommended dose of fertilizer (T_1), farm yard manure (T_2), sheep manure (T_3), poultry manure (T_4), green leaf manure (T_5), Neem cake (T_6) and vermicompost (T_7) assigned to the sub plots. Genotype G-5414 (G_3) showed significantly higher Yield, quality and nutrient uptake, while these were lowest with the genotype Golden baby (G_1). Application of recommended dose of fertilizers (T_1) showed higher yield, quality and nutrient uptake.

Key words: Baby corn, Nutrient uptake, quality, Yield.