**Abstract**

Plant Growth Promoting Rhizobacteria (PGPR)are free living soil microorganisms that exertbeneficial effects on plants. In the present studybacterial strains were isolated from Bananarhizosphere soil. These strains were characterizedbased on morphological and biochemical studiesand identified as Bacillus spp. From the isolatedBacterial strain their Plant Growth PromotingHormones such as IAA production, GAproduction and Phosphate solubilization activitywas analysed. The culture filtrate of this bacteriumwas bio assayed on Vigna radiata and found that itsignificantly promotes the growth of the plant.