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Solubilization of phosphate by *Bacillus*
sp. isolated from soil of Kolkata
suburbs

ABSTRACT : Three strains of phosphate solubilizing *Bacillus* were isolated from soil of suburban Kolkata. A parallel relationship between growth and phosphate solubilization and inverse relationship between culture pH and phosphate solubilization was observed. The solubilization of phosphate is thought to be due to production of acid in the medium. The strains solubilized from tricalcium phosphate between 250-350 μg equivalent phosphorus per ml of culture.