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## **Abstract**

This paper involves the isolation of Phosphate solubilizing bacteria from soil. Samples were collected from different places. Bacteria were isolated into the Pikovskiya agar medium. Clear colonies were observed. This showed the solubilization of phosphates by bacteria. We observed zone of solubilization. Gram staining test, Indole production test and catalase tests were performed to study the features of bacteria. The bacteria were identified as *Bacillus licheniformis* Gram staining test showed that the bacteria were gram Positive. We can increase the fertility of soil by the application of Phosphate solubilizing bacterias